

DESCRIPTIONS OF NEW GENERA AND SPECIES OF *AMATIDAE*, *LITHOSIDAE*, AND *NOCTUIDAE*.

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THE following paper forms a tenth supplement to the first thirteen volumes of the *Catalogue of Lepidoptera Phalaenae* in the British Museum, 1898 to 1913, which have appeared in the *Ann. Mag. Nat. Hist.* from time to time between 1901 and 1914.

The numbers before the species indicate their position in the classification adopted in those volumes. The types are in the British Museum.

AMATIDAE.

107*a*. *Amata fulvibasalis* n. sp.

Forewing of male with the whole terminal area and hindwing with the outer half clothed with rough scales on underside; the forewing with vein 1 forking towards termen.

♂. Head, thorax, and abdomen orange-fulvous; antennae black-brown, white at tips; pectus, legs, and ventral surface of abdomen dark brown, the fore coxae and femora orange-fulvous. Forewing hyaline, the veins and margins dark; a dark-brown discoidal spot, produced as a streak above vein 5 to the terminal band, which expands broadly on apical area and into a large patch below vein 3; some orange-fulvous on base of inner margin. Hindwing orange-fulvous at base with hyaline spots below the cell and above base of vein 2, the terminal half grey-brown.

♀. Head and dorsum of thorax black-brown; abdomen black-brown at extremity; forewing with the margins black-brown, the discal spot not connected by a streak with the terminal band, which is very narrow between veins 5 and 3 and towards tornus; hindwing with the terminal half black-brown.

Hab. Cameroons, Ja R., Bitje (Bates), 1 ♂, 1 ♀ type. *Exp.* 28 mill.

171*a*. *Amata congenita* n. sp.

♂. Head, thorax, and abdomen grey-brown, the back of head with orange-red band, the abdomen with orange-red dorsal patch at base, band on 5th segment and lateral spots between them; antennae blackish, white at tips; pectus with orange-red lateral patches; hind tarsi with the 1st joint white. Forewing grey-brown with yellowish hyaline patches, a wedge-shaped patch below base of cell, quadrate patches in and below end of cell, spot above base of vein 2, and postmedial band formed by four large spots between veins 7 and 3, the lowest extending to near termen. Hindwing yellowish hyaline, the veins, cell, costal and terminal areas grey-brown, the grey-brown terminal band angled inwards at vein 2 and narrowing to tornus.

♀. The brown areas much darker, the thorax behind the tegulae and abdomen glossed with leaden blue.

Hab. Madras, Nilgiris, Ouchterloni Valley, 3,500 ft. (Andrewes) 1 ♂ type, Shevaroy Hills (Campbell), 1 ♀. *Exp.* 16 mill.

264a. *Thyrogonia cyaneotincta* n. sp.

♂. Head, thorax, and abdomen black-brown, the last suffused with metallic blue and with white subdorsal spots at base; antennae white at tips; palpi and forelegs slightly irrorated with blue, the tibiae with some white at extremities; the two basal segments of abdomen with whitish sublateral spots. Forewing black-brown tinged with purple, the costa tinged with metallic blue-green; a hyaline white spot in the cell towards extremity, oblique patch below middle of cell, postmedial spot above vein 6 and large spot above vein 2, extending as a minute spot to above vein 3. Hindwing black-brown; a large hyaline white patch below the cell and spot above base of vein 2 extending to just above vein 3; the underside with some white in the cell.

♀. Wings strongly suffused with metallic purple; forewing with the spots reduced; hindwing with the spot below the cell small and no spot above vein 2.

Hab. **Br. C. Africa**, Ruo Valley (Neave), 1 ♂ type, Mt. Mlanje (Neave), 1 ♀, Lucheny R. (Neave), 1 ♀. *Exp.* 36 mill.

828a. *Chrysostola aurantivena* n. sp.

♀. Head and thorax black-brown, the frons, inner side of palpi, and tegulae at base white; abdomen black-brown glossed with silvery blue-grey, the 2nd segment with subdorsal white patches; pectus with lateral white patches; mid and hind coxae and mid femora on inner side yellowish white; ventral surface of abdomen with the basal half creamy white, the terminal half brown. Forewing hyaline, the costa and veins orange-yellow, vein 2 and the other veins towards termen with black scales on them; a minute black discoidal point; the inner margin black with some orange-yellow on medial part; the termen and cilia dark brown, the former expanding into a narrow band towards apex. Hindwing hyaline, the costa and termen orange-yellow, the latter with some black scales on the veins of terminal area; the main margin and termen with fine black line.

Hab. **Brazil**, Amazons between Para and Manãos (Pallis), 1 ♀ type. *Exp.* 34 mill.

1095a. *Eucereon metathoracica* n. sp.

♂. Head and thorax black-brown, the back of head and base and dorsal edge of tegulae yellow, the patagia edged with grey, the metathorax with yellowish white spot; frons with whitish line above; abdomen crimson, the basal and terminal segments black-brown; pectus at sides and fore coxae with yellowish white patches; legs and ventral surface of abdomen red-brown. Forewing black-brown; a yellow spot at base; antemedial line yellowish white, very oblique to vein 1 where it is angled outwards; a quadrate yellowish white spot in middle of cell, diffused below the cell to the antemedial line; a yellowish white postmedial band, excurved between veins 5 and 3, then incurved; a yellowish white subterminal line, somewhat excurved to vein 5, then incurved and confluent with the postmedial band, ending on termen at submedian fold. Hindwing with the basal half hyaline, the inner area with some brown scales; the veins and terminal half black-brown; the outer edge of the hyaline area angled outwards below angle of cell.

Hab. **Colombia**, Choko Prov., Condoto (Spurrell), 1 ♂ type. *Exp.* 40 mill.

LITHOSIADAE.

Nolinae.

31a. *Celama phaeotermis* n. sp.

♀. Head, thorax, and abdomen white tinged with brown; tarsi dark brown tinged with white. Forewing white faintly tinged in parts with rufous, the costa irrorated with rufous, the terminal area dark brown mixed with white towards apex; a slight rufous spot at middle of cell and the fans of scales at middle and upper angle of cell rufous; a faint rufous postmedial line from costa to vein 5; a slight brown spot on costa towards apex. Hindwing whitish suffused with brown, the costa whitish to beyond middle. Underside suffused with fuscous brown, the costal areas with some blackish irroration.

Hab. Peru, R. Paraya, 1 ♀ type. *Exp.* 14 mill.

32a. *Celama endotherma* n. sp.

♀. Head, thorax, and abdomen white irrorated with red-brown; antennae ringed with blackish; tarsi red-brown ringed with white. Forewing white irrorated with red-brown, the inner medial area bright rufous to submedian fold; a small red-brown subbasal spot on costa; antemedial line with small red-brown spot on costa, then strongly excurved, maculate and blackish to submedian fold, then incurved and red-brown; medial line red-brown, oblique and sinuous, excurved below submedian fold, some dark irroration beyond it in the cell; postmedial line red-brown, excurved to vein 5, then bent inwards with a downward curve to lower angle of cell, then excurved; subterminal line dark brown, oblique from below costa to discal fold near termen, angled inwards at discal fold, excurved at middle and again angled inwards at submedian fold; a rather maculate red-brown line before termen and fine dark terminal line; cilia red-brown and white. Hindwing white, the termen tinged with brown to vein 2. Underside of forewing suffused with red-brown; hindwing with the costal area tinged with red-brown and irrorated with brown, a brown discoidal bar.

Hab. Assam, Khâsis, 1 ♀ type. *Exp.* 24 mill.

47a. *Celama concinna* n. sp.

♀. Head and tegulae white; thorax and abdomen whitish tinged with red-brown; palpi suffused and irrorated with red-brown; pectus and ventral surface of abdomen white; legs whitish and brown, the tibiae and tarsi darker and ringed with white. Forewing whitish tinged and irrorated with red-brown, the terminal area suffused with red-brown, the costa rather darker towards base; waved red-brown antemedial and medial lines; a minute discoidal lunule defined by red-brown; postmedial line red-brown, angled outwards below costa and excurved at middle, then oblique and slightly waved; a slight dark mark on costa before the subterminal line, which is white defined on inner side by diffused deep rufous and on outer by dark red-brown suffusion, angled outwards below apex and slightly excurved at middle; cilia red-brown at base, with slight dark line at middle, then white with dark tips. Hindwing white tinged with red-brown, the cilia whiter. Underside whitish, the forewing and costal area of hindwing suffused with red-brown.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 20 mill.

GENUS *Supernola* nov.Type: *S. subrufa*.

Proboscis fully developed; palpi rather downcurved, extending about twice the length of head, the 2nd joint rather broadly fringed with hair above and below, the 3rd thickly scaled; frons with tuft of hair; antennae of female ciliated, the basal joint with tuft of hair in front; thorax clothed with hair and scales mixed; tibiae and abdomen smoothly scaled. Forewing with the apex rounded, the termen evenly scaled, the tufts of scales at middle and upper angle of cell small; vein 3 from well before angle of cell; 5 from just above angle; 6 from below upper angle; 7, 8, and 10 stalked, 9 absent, 10 slight; 11 becoming coincident with 12. Hindwing with vein 3 from angle of cell; 4 absent; 5 from near middle of discocellulars; 6, 7 stalked; 8 anastomosing with the cell to middle.

In key differs from *Nola* in the forewing having vein 11 becoming coincident with 12.

60a. *Supernola subrufa* n. sp.

♀. Head and thorax white, the dorsum of thorax tinged with red-brown; abdomen pale red-brown; antennae fuscous except towards base; palpi with the basal half red-brown, the terminal half white; legs white and dark-brown. Forewing white with a faint red-brown tinge, the terminal area with a more distinct red-brown tinge; a series of dark points on costa to end of cell; tufts of raised dark scales in the cell near base, at middle of cell and of red-brown scales at upper angle; a small black spot below middle of cell; a small red-brown spot on costa above end of cell; traces of a diffused brown subterminal line, excurved at middle. Hindwing white suffused with pale red-brown. Underside rufous, the inner area of hindwing whitish.

Hab. N. Borneo, Kina Balu (Waterstadt), 1 ♀ type. *Exp.* 20 mill.

66b. *Nola rufizonalis* n. sp.

♂. Head, thorax, and abdomen silvery white; palpi and fore tibiae tinged with rufous. Forewing silvery white; a rufous patch at base of costa; an erect rufous medial band, rather broad towards costa, narrow below the cell, a minute silvery point on it below costa and some silvery scales on its edges in and at end of cell; a pale rufous spot on costa before apex and a patch on termen from vein 6 to above tornus, its inner edge incurved and sinuous. Hindwing silvery white, the cilia faintly tinged with rufous towards apex. Underside white; forewing with the costal area and the terminal area to vein 2 suffused with rufous; hindwing with the costal area irrorated with rufous.

Hab. Colombia, Choko Prov., Condoto (Spurrell), 1 ♂ type. *Exp.* 14 mill.

118b. *Roeselia costiplagiata* n. sp.

♂. Head, thorax, and abdomen white, the last tinged with red-brown except at base; antennae dark brown, the shaft white towards base; frons and palpi with dark brown mixed, the latter with the extremities of 2nd and 3rd joints white; pectus tinged with rufous; tibiae and tarsi dark brown ringed with white; ventral surface of abdomen suffused with red-brown leaving white segmental lines. Forewing white slightly irrorated with dark brown, the inner

area whiter; a dark subbasal bar from costa and slight tuft of dark scales beyond it in the cell; a large diffused conical patch of deep red-brown from costa to below end of cell with tufts of dark red-brown scales on it before and beyond upper angle of cell, at lower angle and on vein 2 below the angle; a white striga from costa above angle of cell; postmedial line white, sinuous to discal fold, then slightly excurved to vein 2; subterminal line white, defined on inner side by black-brown marks, the area beyond it deep rufous at apex, then pale rufous, the line oblique to vein 6 where it is angled outwards, excurved at middle and angled inwards at discal and submedian folds; a white terminal line; cilia dark red-brown intersected with white and with white line towards tips. Hindwing white suffused with reddish brown, the base and inner area whiter; cilia brown at middle, white at base and tips. Underside of forewing dark brown, the inner area white; hindwing white, the costal area broadly irrorated with brown.

Hab. Br. C. Africa, Ruo Valley (Neave), 1 ♂ type. *Exp.* 18 mill.

LITHOSIANAE.

186a. *Scoliacma albicostata* n. sp.

♀. Head ochreous white; thorax and abdomen ochreous mixed with rufous, the latter with some fuscous at extremity; palpi and forelegs rather darker red-brown. Forewing ochreous thickly irrorated with rufous, the costal area to end of cell white slightly irrorated with rufous, leaving the costal edge rufous; cilia whitish at tips. Hindwing pale ochreous yellow. Underside of forewing pale rufous; hindwing ochreous white, the costal area pale rufous.

Hab. Dutch N. Guinea, Mt. Goliath (Meek), 4 ♀ type. *Exp.* 24-26 mill.

226a. *Tigrioides aurantiaca* n. sp.

♂. Head and thorax orange-yellow; antennae black except towards base; abdomen ochreous suffused with orange-yellow and with slight blackish dorsal segmental lines; fore tibiae and the tarsi with some fuscous. Forewing uniform orange-yellow above and below. Hindwing whitish tinged with orange-yellow.

Hab. Philippines, Luzon, Los Baños (Baker), 1 ♂ type. *Exp.* 22 mill.

227c. *Tigrioides chionostola* n. sp.

Head and thorax silvery white; antennae, lower part of frons and palpi orange-yellow, the upper part of frons black-brown; abdomen white, the terminal half tinged with fuscous, the anal tuft of male tinged with yellow; pectus, legs, and ventral surface of abdomen orange-yellow. Forewing silvery white, the costal edge orange-yellow, blackish towards base. Hindwing white. Underside white, the forewing with orange-rufous costal fascia.

Hab. Dutch N. Guinea, Mt. Goliath (Meek), 1 ♂, 5 ♀ type. *Exp.* ♂ 24, ♀ 26 mill.

230c. *Phryganopsis holoxantha* n. sp.

♂. Head, thorax, and abdomen orange-yellow; fore tibiae and tarsi dark brown above. Forewing uniform orange-yellow tinged with brown. Hindwing pale orange-yellow. Underside uniform orange-yellow.

♀. Wings pale ochreous yellow, the forewing faintly tinged with brown.

Hab. **Br. C. Africa**, Mt. Mlanje (Neave), 2 ♂, 1 ♀; **Portuguese E. Africa**, Mt. Chipirone (Neave), 1 ♂ type. *Exp.* 26 mill.

249b. *Phaeosia dimorpha* n. sp.

♂. Head, thorax, and abdomen orange-yellow, the last with some greyish at base; antennae tinged with brown; palpi with the 3rd joint black; fore and mid tibiae and the tarsi black-brown, the hind femora and tibiae black-brown at extremities. Forewing orange-yellow, the area below discal fold clothed with greyish-brown androconia from before middle to well beyond middle; a black postmedial spot just below costa. Hindwing pale orange-yellow. Underside orange-yellow, the inner areas paler.

♀. Abdomen greyish white, yellow at sides and towards extremity; forewing rather paler orange-yellow; postmedial black spots below costa and in the cell, the latter rather oblique, a point below the cell nearer the base and medial spots below origin of vein 2 and above inner margin; hindwing pale yellow.

Hab. **Philippines**, Luzon, Mt. Makiling (Baker), 1 ♂, 1 ♀ type. *Exp.* ♂ 26, ♀ 28 mill.

252a. *Ctenosia nephelistis* n. sp.

♂. Head and thorax fulvous yellow; antennae with the branches brownish; abdomen paler fulvous yellow, the dorsum greyish towards base. Forewing fulvous yellow, the costal edge blackish towards base; a brownish shade from vein 4 just beyond the cell to inner margin. Hindwing very pale yellow; the underside with the costal area fulvous yellow.

Hab. **Br. C. Africa**, Mlanje Plateau, 6,500 ft. (Neave), 1 ♂ type. *Exp.* 30 mill.

253c. *Iema aurantisquamata* n. sp.

Antennae of male bipectinate with moderate branches ending in bristles; forewing on upperside with the whole medial area clothed with androconia; hindwing with large conical patch of androconia from costa beyond middle to lower angle of cell.

♂. Head and thorax fulvous yellow; abdomen brownish grey, the anal tuft fulvous yellow; palpi fulvous brown; pectus, legs, and ventral surface of abdomen fulvous yellow. Forewing with the basal and terminal areas whitish suffused with pale orange-yellow, the whole area from before middle to well beyond middle clothed with rough deep orange-yellow scales; the costal edge blackish towards base. Hindwing whitish with a large diffused conical patch of deep orange-yellow scales from costa beyond middle to lower angle of cell. Underside pale orange-yellow, the inner half of hindwing whitish.

Hab. **Br. C. Africa**, Mt. Mlanje (Neave), 1 ♂ type. *Exp.* 40 mill.

253d. *Iema costiplicata* n. sp.

Antennae of male pectinate with moderate branches on outer side to apex and with bristles and cilia on inner side; forewing with costal lobe on upperside to beyond middle.

♂. Head and thorax red-brown with an ochreous tinge; abdomen grey-brown, the ventral surface red-brown. Forewing ochreous suffused with red-brown, the terminal area rather paler. Hindwing pale yellow. Underside pale yellow, the forewing and costal area of hindwing tinged with red-brown.

Hab. Cameroons, Ja R., Bitje, 1 ♂ type. Exp. 24 mill.

253a. *Πema maculifascia* n. sp.

♂. Head and thorax fulvous orange; abdomen greyish tinged with orange-yellow; pectus, legs, and ventral surface of abdomen orange-yellow. Forewing dull fulvous orange; a pale fuscous postmedial band formed by rather diffused spots, somewhat oblique to vein 6, then obliquely incurved. Hindwing pale orange-yellow. Underside pale orange-yellow, the forewing suffused with brown, except on inner area, to end of cell.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♂ type. Exp. 26 mill.

297c. *Πema fractifascia* n. sp.

♂. Head and tegulae whitish tinged with red-brown, the frons and palpi black; thorax deep red-brown; abdomen grey suffused with brown; forelegs blackish; pectus, mid and hind legs, and ventral surface of abdomen red-brown suffused with blackish. Forewing whitish tinged with rufous and irrorated with large red-brown scales; costal edge black towards base; a black spot on costa above end of cell and rather diffused fuscous band from lower angle of cell to inner margin with traces of a shade between them excurved beyond the cell; cilia black at base towards apex. Hindwing grey-white slightly tinged with red-brown. Underside of forewing red-brown, the costa yellowish towards apex; hindwing with the costal area suffused with red-brown.

Hab. Cameroons, Ja R., Bitje (Bates), 1 ♂ type. Exp. 20 mill.

348b. *Πema nebulifera* n. sp.

♀. Head and tegulae yellowish white; thorax greyish fuscous; abdomen grey, the anal tuft yellowish; antennae blackish; palpi with the 3rd joint black; pectus and femora grey and yellowish, the tibiae and tarsi black; ventral surface of abdomen orange-yellow. Forewing with basal half and costa to towards apex yellowish suffused grey, the rest of wing pale grey with a quadrate deeper grey patch from below costa to inner margin beyond the yellowish basal area. Hindwing pale yellow. Underside of forewing and costal area of hindwing orange-yellow.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. Exp. 28 mill.

362a. *Πema achrosis* n. sp.

♂. Head, thorax and abdomen ochreous yellow tinged with red-brown; pectus, legs, and ventral surface of abdomen strongly suffused with red-brown, the forelegs blackish. Forewing pale ochreous yellow with a faint red-brown tinge. Hindwing ochreous white. Underside of forewing suffused with red-brown, the hindwing tinged with red-brown.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♂ type; Transvaal, Pretoria (Distant), 1 ♂. Exp. 22 mill.

414a. *Agylla cryptosema* n. sp.

♂. Head and thorax grey tinged with red-brown; abdomen grey-white; pectus, legs. and ventral surface of abdomen whitish suffused with fulvous yellow, the anal tuft rufous below. Forewing silvery white, the area below vein 1 tinged with red-brown, the costa fringed with short brown hair towards base. Hindwing silvery white. Underside of forewing faintly tinged with red-brown; hindwing with the floeculent hair in the fold in the cell yellow and with some streaks and markings formed by dark-brown androconia not coinciding on the two wings.

Hab. Colombia, Choko Prov., Condoto (Spurrell), 1 ♂ type. *Exp.* 36 mill.

521d. *Pseudlepista holoxantha* n. sp.

♀. Head, thorax, and abdomen orange-yellow, the last slightly paler; antennae blackish except towards base; palpi with the 3rd joint blackish; tibiae above and the tarsi black. Forewing uniform orange-yellow. Hindwing rather paler orange-yellow. Underside orange-yellow.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 24 mill.

523a. *Caripodia consimilis* n. sp.

Head, thorax, and abdomen orange-yellow; antennae tinged with brown except towards base; mid femora and tibiae and all the tarsi black-brown. Forewing silvery white, the costa orange-yellow, the cilia tinged with orange-yellow. Hindwing pale yellow. Underside of forewing fuscous brown, the marginal areas orange-yellow, the costal edge blackish on basal half; hindwing white, the costal area and termen suffused with orange-yellow.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 6 ♂, 1 ♀ type, Ruvo Valley (Neave), 4 ♂; Portuguese E. Africa, Kola Valley (Neave), 2 ♂. *Exp.* 24-30 mill.

GENUS *Apothosia* nov.

Type: *A. conformis*.

Proboscis fully developed; palpi upturned, reaching to about vertex of head and moderately scaled; frons smooth; eyes large, round; antennae of female ciliated; tibiae smoothly scaled, the hind tibiae with two pairs of spurs. Forewing with the apex rounded, the termen evenly scaled; veins 3 and 5 from near angle of cell; 6 from below upper angle; 9 from 10 anastomosing with 8 to form a minute areole; 11 free. Hindwing with veins 3, 4 stalked; 5 from just above angle; 6, 7 from upper angle; 8 anastomosing with the cell to near middle.

In key differs from *Syntomimorpha* in the forewing having the areole minute, the hindwing with veins 3, 4 stalked.

528j. *Apothosia conformis* n. sp.

♀. Head, thorax, and abdomen ochreous yellow; antennae tinged with brown except towards base; fore tibiae at extremities black, the tarsi black ringed with ochreous. Forewing pale grey, the costal area ochreous yellow, the inner margin tinged with ochreous towards base; cilia pale ochreous yellow. Hindwing pale yellow. Underside of forewing fuscous, the margins ochreous yellow, the termen narrowly.

Hab. Br. C. Africa, Lr. Shiré Valley (Neave), 1 ♀ type. *Exp.* 28 mill.

555a. *Narasodes metatropa* n. sp.

Antennae of male laminate and thickened by a ridge of scales above towards base, metathorax with tuft of long spatulate scales. Abdomen with lateral fringes of downturned hair; forewing with the costa fringed with hair-like scales from near base to beyond middle; hindwing with the apical part of termen strongly excised to vein 2, the costa fringed with long hair at middle, then with shorter hair with a patch of androconia below it on upperside.

The male has vein 9 of the forewing absent, in the female it is present from either before or beyond 7.

Head and thorax white slightly mixed with brown; antennae brown except towards base; palpi pale fulvous; abdomen white tinged with fulvous, the genital tufts of male white; legs tinged with fulvous. Forewing white, the basal area, costal area to middle, and the postmedial area suffused and irrorated with brown, the last curving outwards below costa to before termen; a broad medial pale fulvous yellow band from discal fold to inner margin; a blackish discoidal point; traces of a pale fulvous brown postmedial line, oblique from costa beyond middle to beyond the cell, then erect. Hindwing white tinged with ochreous brown.

Hab. Philippines, Luzon, Los Baños (Baker), 1 ♂, 3 ♀ type. *Exp.* 12 mill.

GENUS *Anaemosia* nov.

Type: *A. albida*.

Proboscis fully developed; palpi upturned to about vertex of head, slender; frons smooth; antennae of male ciliated; tibiae with the spurs long. Forewing with the costa somewhat arched near base and towards apex, the termen obliquely curved; vein 2 from middle of cell, oblique; 3 from well before angle; 4, 5 from angle; 6 from upper angle; 7, 8, 9 stalked, 7 from beyond 9; 10, 11 from cell. Hindwing with veins 3, 4 coincident; 5 from near middle of discocellulars; 6, 7 strongly stalked; 8 from middle of cell.

In key differs from *Prolobosia* in the forewing having the costa not excised and the termen more obliquely curved.

556b. *Anaemosia albida* n. sp.

♂. Head, thorax, and abdomen white tinged with red-brown; palpi and frons red-brown. Forewing white tinged with red-brown, the costal edge blackish towards base. Hindwing creamy white; a slight fuscous discoidal spot; a fuscous terminal band from apex to vein 3, the rest of termen, the inner margin, and cilia slightly tinged with red-brown. Underside of forewing fuscous brown, the inner area whitish, the terminal area whitish tinged with red-brown.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 2 ♂ type. *Exp.* 16 mill.

GENUS *Neoduma* nov.

Type: *N. ectozona*.

Proboscis fully developed; palpi short, porrect; frons smooth; antennae of female ciliated. Forewing with the costa obliquely truncate towards apex, which is somewhat acute, the termen oblique; vein 2 from near angle of cell; 3, 4 coincident; 5 from above angle; 6 from below upper angle; 7, 8, 9 stalked,

7 from beyond 9 ; 10, 11 from cell. Hindwing with vein 2 from towards angle of cell ; 3, 4 coincident ; 5 from well above angle ; 6, 7 strongly stalked ; 8 from towards end of cell.

In key differs from *Heliosia* in the forewing having veins 3, 4 coincident.

556c. *Neoduma ectozona* n. sp.

♀. Head, tegulae, and patagia white ; thorax grey-brown ; antennae fuscous ; abdomen blackish mixed with some whitish ; fore tibiae and tarsi black. Forewing white ; an elliptical antemedial fuscous spot on inner margin ; a black point at lower angle of cell ; a grey-black subterminal band, bent outwards from costa beyond middle to below apex, where it broadens, its outer edge excised below apex, then narrowing to tornus ; a terminal series of black points. Hindwing white tinged with fuscous. Underside of forewing suffused with fuscous except the costa and termen towards apex.

Hab. Philippines, Luzon, Los Baños (Baker), 1 ♀ type. *Exp.* 12 mill.

566a. *Tospitis brunneiplaga* n. sp.

♀. Head, tegulae, and patagia white, the dorsum of thorax and abdomen white tinged with red-brown ; antennae tinged with brown except towards base ; pectus, legs, and ventral surface of abdomen tinged with red-brown. Forewing white ; a minute black spot at upper angle of cell ; the area below the cell and vein 4 with a large patch of rufous suffusion with some blackish scales on it from middle to towards termen. Hindwing white with a faint brown tinge on inner half. Underside of forewing suffused with brown except on costa towards apex and on termen to vein 2.

Hab. Bhután (Dudgeon), 1 ♀ type. *Exp.* 16 mill.

593b. *Scaptosyle pseudoblabia* n. sp.

Forewing of male on underside with the terminal half of lower part of cell clothed with androconia ; hindwing with the apex strongly excised, a glandular fold on upperside in upper part of cell and a patch of androconia in, beyond, and below the cell ; veins 3, 4 coincident.

One specimen has vein 5 of the forewing absent on the left side.

♂. Head, tegulae, and patagia white ; frons and dorsum of thorax grey-black ; antennae brownish, white towards base ; palpi grey-black and white ; abdomen grey-black, the anal tuft ochreous brown ; legs ochreous white. Forewing blackish glossed with leaden grey, the base, costal area, and termen white, the white on costa expanding into a patch in end of cell and on termen narrowing to a point at tornus. Hindwing grey-white with the patch of androconia rufous. Underside of forewing white with fuscous suffusion below costa and before termen, the androconia in the cell ochreous ; hindwing with the costal area tinged with ochreous and fuscous.

Hab. Philippines, Luzon, Los Baños (Baker), 1 ♂ type, Mt. Makiling (Baker), 1 ♂. *Exp.* 16 mill.

680a. *Chionaema nyasica* n. sp.

Head, thorax, and abdomen white, the patagia with small crimson spots near base ; antennae rufous ; palpi crimson except at base ; fore tibiae crimson

banded with white, the mid tibiae crimson at base and with crimson spot above at middle, the tarsi crimson ringed with white. Forewing white; the costal edge black towards base; small crimson subbasal and antemedial spots on costa and an oblique slightly sinuous antemedial line from cell to inner margin; minute black spots in middle of cell and on discocellulars, and a minute crimson spot on costa above end of cell; an obsolete crimson postmedial line from vein 3 to inner margin; a minute crimson subapical spot. Hindwing white. Underside of forewing with some crimson on costa towards base and a slight mark above upper angle of cell.

Hab. Br. C. Africa, Mt. Manje (Neave), 1 ♂, 1 ♀ type. *Exp.* ♂ 24, ♀ 28 mill.

737d. *Afrida hemicycla* n. sp.

♀. Head and thorax silvery white, the metathorax with black point; palpi blackish; forelegs suffused with brown, the tarsi blackish; abdomen white tinged with brown. Forewing silvery white; a black point at base of cell and antemedial black bar from costa; an antemedial black spot below the cell with an oblique line from its inner edge to above inner margin and a line from its outer edge angled outwards below submedian fold, then incurved to inner margin; a slight black discoidal bar with stronger bar above it from costa; postmedial and subterminal black spots on costa, the latter followed by a point; a semicircular black mark beyond upper angle of cell, concave towards inner margin, and a black bar between discal and submedian folds with a point below it on inner margin; the terminal area red-brown from just below apex to inner margin, its inner edge defined by blackish, oblique and sinuous from below apex to the postmedial black bar at vein 5 and angled outwards at submedian fold; a terminal series of black striae defined on inner side by slight white marks; cilia red-brown and whitish. Hindwing white tinged with reddish brown especially towards termen. Underside of forewing suffused with red-brown, the inner area white; hindwing white, the costal area, submedian fold, and inner margin suffused with red-brown, leaving a small white spot just below apex; a small brown discoidal spot.

Hab. Colombia, Choko Prov., Condoto (Spurrell), 1 ♀ type. *Exp.* 14 mill.

771b. *Illice albizona* n. sp.

♀. Head and thorax pale grey-brown, the tegulae ochreous yellow; antennae blackish; palpi whitish; abdomen crimson; pectus, mid and hind legs, and ventral surface of abdomen creamy-white, the forelegs grey-brown. Forewing pale grey-brown with erect creamy-white medial band with slightly sinuous edges. Hindwing crimson with black-brown terminal band moderately broad at costa and narrowing to tornus; the costal area yellowish white to the terminal band.

Hab. Peru, R. Ucayale, Contamino, 1 ♀ type. *Exp.* 18 mill.

GENUS *Eugraphosia* nov.

Type: *E. rubrizonea*.

Proboscis fully developed; palpi upturned, slender, reaching to vertex of head; frons smooth; eyes large, round; antennae ciliated. Forewing rather short and broad, the apex rounded, the termen evenly curved; the lower part

of cell short ; veins 3, 4, 5 stalked ; 6 from below upper angle ; 7, 8, and 10 stalked, 9 absent ; 11 free. Hindwing with the lower part of cell short ; vein 2 from towards angle of cell ; 4 absent ; 5 from above middle of discocellulars ; 6, 7 stalked ; 8 anastomosing with the cell to middle ; the underside in male with a rounded glandular swelling below costa before middle.

In key differs from *Encyclopera* in both wings having the lower part of cell short, the forewing with veins 7, 8, and 10 stalked, the hindwing with vein 5 from above middle of discocellulars.

796d. *Eugraphosia rubrizonea* n. sp.

♂. Head and thorax white ; antennae brown except towards base ; palpi brown, the 3rd joint with some white ; abdomen brown, the anal tuft rufous and white ; pectus, legs, and ventral surface of abdomen white, the legs tinged with brown. Forewing white ; subbasal and antemedial brown points on costa and an oblique diffused brownish line from origin of vein 2 to inner margin ; a fulvous red postmedial band, oblique and moderately broad to vein 5, then expanding and erect, a rather diffused blackish line beyond it from below costa to submedian fold. Hindwing white, the costal and inner areas tinged with brown. Underside of forewing with the costal area suffused with brown, forming darker patches towards base and beyond middle ; hindwing with the costal area broadly suffused with brown.

Hab. Peru, R. Ucayale, Contamiro, 1 ♂ type. *Exp.* 16 mill.

840a. *Siccia paucipuncta* n. sp.

♂. Head and thorax whitish suffused with brown ; abdomen brownish tinged with fuscous ; pectus and legs brownish tinged with fuscous ; ventral surface of abdomen white tinged with ochreous brown. Forewing pale red-brown irrorated with fuscous ; the costa with some blackish towards base ; elongate black spots in middle and end of cell ; the costa with minute antemedial, medial, and postmedial blackish spots and a more elongate mark towards apex ; a terminal series of blackish points ; cilia with blackish mixed. Hindwing grey suffused with brown. Underside of forewing fuscous brown, the inner area whitish.

Hab. Sierra Leone (Clements), 1 ♂ type. *Exp.* 12 mill.

843b. *Siccia pallens* n. sp.

♀. Head, thorax, and abdomen white tinged with red-brown, the palpi, pectus, legs, and ventral surface of abdomen more strongly tinged with red-brown. Forewing white faintly tinged with red-brown ; a slight blackish subbasal mark below costa ; slight obliquely placed antemedial blackish spots below costa and in the cell ; a black discoidal bar with spots above and beyond it on costa and a spot beyond lower angle of cell ; a terminal series of minute blackish points. Hindwing whitish suffused with red-brown. Underside whitish tinged with red-brown.

Hab. Uganda, Gondokoro (Reynes-Colc), 1 ♀ type. *Exp.* 16 mill.

GENUS *Nilgiricola* nov.

Type : *N. sicciana*.

Proboscis fully developed ; palpi upturned to about vertex of head, slenderly scaled ; frons smooth ; antennae of male ciliated ; abdomen hairy.

Forewing with the apex rounded, the termen evenly curved; vein 3 from before angle of cell; 5 from well above angle; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hindwing with veins 3, 4 coincident; 5 from above angle of cell; 6, 7 strongly stalked, 8 from towards end of cell.

In key differs from *Syntomimorpha* in the hindwing having veins 3, 4 coincident.

847a. *Nilgiricola sicciiana* n. sp.

♂. Head and thorax white, the shoulders with black spots, the mesothorax with pair of spots and the metathorax with one spot; antennae blackish, banded with white towards base; palpi black except at tips; abdomen fuscous mixed with grey; pectus and legs white and fuscous. Forewing white; the costa black towards base with a streak below its extremity conjoined to a spot in the cell near base; an antemedial series of four black spots, inwardly oblique from below costa; medial line black, incurved in the cell and connected with the antemedial spots by two short streaks, excurved below the cell, angled inwards at vein 1 and forming a spot at inner margin; an oblique discoidal bar; post-medial line black, bent outwards below costa, incurved at discal fold, angled outwards at vein 3, then oblique and maculate; an irregularly triangular subterminal black patch from costa to vein 6, a spot below vein 4 and an incurved mark from tornus; a terminal series of minute black spots forming a bar at discal fold with a blackish patch beyond it on the cilia. Hindwing grey suffused with fuscous; a terminal series of slight black points to vein 3; the underside with indistinct sinuous fuscous medial and postmedial lines.

Hab. Madras, Nilgiris, Pykara, 7,000 ft. (Andrewes), 1 ♂ type. Exp. 20 mill.

861b. *Clemensia plumbeifusca* n. sp.

♀. Head, thorax, and abdomen dark brown suffused with leaden grey, the anal tuft brownish grey. Forewing dark brown suffused with silvery blue-grey; an indistinctly double postmedial series of slight white points, excurved to vein 4, then incurved; a subterminal series of slight white points; cilia with some white at tips. Hindwing dark brown suffused with silvery blue-grey, the cilia whitish at tips. Underside uniform dark brown tinged with blue-grey.

Hab. Peru, San Domingo (Oekenden), 1 ♀ type. Exp. 18 mill.

GENUS *Paradoxosia* nov.

Type: *P. rufipex*.

Proboscis fully developed; palpi upturned, the 2nd joint reaching to about middle of frons and slightly fringed with hair, the 3rd short and thickly scaled; frons smooth; eyes large, round; antennae of male ciliated; hind tibiae with two pairs of spurs. Forewing with the apex rounded, the termen evenly curved; veins 3 and 5 from near angle of cell; 6 from just below upper angle; 7, 8, 9 stalked, 7 from before 9; 10, 11 almost from a point. Hindwing with veins 3, 4 from angle of cell; 5 from just above angle; 6, 7 from upper angle, 7 strongly curved upwards, almost perpendicularly towards origin; 8 from near middle of cell and strongly arched; the male with the costa strongly lobed except towards base.

In key differs from *Idopterum* in the hindwing having veins 6, 7 from the cell.

874a. *Paradoxosia rufipex* n. sp.

♂. Head, tegulae, and prothorax fulvous red, the rest of thorax and abdomen red-brown; antennae whitish tinged with brown and with fulvous towards base; palpi, pectus, and ventral surface of abdomen orange-yellow; legs whitish suffused with brown. Forewing grey-brown with a slight reddish tinge; a small round black discoidal spot. Hindwing grey-brown, the apical area fulvous to vein 3. Underside of forewing grey-brown, the inner area whitish; hindwing whitish, the costal area tinged with rufous.

Hab. Uganda, S. E. Buddu, Tero Forest (Neave), 1 ♂ type. *Exp.* 28 mill.

900b. *Asura metahyala* n. sp.

♂. Head and thorax orange, the vertex of head with black spot, the shoulders, patagia, and prothorax with paired spots, the metathorax with black patch; antennae black, except the shaft above towards base; abdomen black, the sides and ventral surface orange with sublateral series of small black spots; forelegs and the mid and hind tibiae towards extremities black. Forewing orange; the costa black to the antemedial line before which it expands into a small spot; a small spot in the cell near base and larger subbasal spot below the cell; antemedial line black, angled outwards below costa, then inwardly oblique and slightly sinuous; medial line black, incurved to submedian fold where it is angled outwards to the postmedial line, then strongly incurved, confluent with the antemedial line in the cell and at vein 1; a black discoidal spot confluent with the postmedial line which arises at costa from the medial line, then excurved, angled inwards at submedian fold to the medial line, then bent outwards to tornus, emitting an oblique bar to costa before apex and bars to termen at veins 6 and 4; the costa from the medial line, termen, and cilia black. Hindwing hyaline, the costa and inner margin tinged with orange except at termen, which is suffused with black, expanding at apex and on inner area to near middle.

♀. Abdomen orange with some black on dorsum except towards base; forewing with the postmedial line slightly angled outwards at vein 6 and more strongly at vein 4; hindwing tinged with orange.

Hab. Philippines, Luzon, Los Baños (Baker), 1 ♂, 1 ♀ type. *Exp.* ♂ 18, ♀ 22 mill.

992a. *Asura melanapyga* n. sp.

♂. Head and thorax orange-yellow; abdomen paler orange-yellow, the anal tuft black; palpi blackish; fore femora at extremities, tibiae and tarsi black, the mid and hind tarsi at extremities black. Forewing orange-yellow, the costal edge black towards base. Hindwing pale orange-yellow, rather thinly scaled. Underside of forewing suffused with fuscous except the marginal areas.

♀. Palpi, legs, and anal tuft without black; forewing without black on base of costa or fuscous on underside.

Hab. Formosa, Kanshirei (Wileman), 1 ♂, 1 ♀ type. *Exp.* ♂ 24, ♀ 26 mill.

1040a. *Mitochrista cruenia* n. sp.

♂. Head and thorax scarlet with a yellowish tinge; palpi, pectus, legs, and abdomen crimson. Forewing yellow-buff; a strongly excurved scarlet line from base of costa to submedian fold and a fascia on base of inner margin;

antemedial line scarlet, strongly excurved in the cell, then incurved and ending at vein 1; medial scarlet patches on costa, below the cell and on inner margin, and a small spot above median nervure; a discoidal scarlet spot; a series of scarlet spots just beyond the cell, oblique to vein 5 and incurved below vein 4; another series of scarlet spots beyond them with scarlet streaks in the interspaces from them to termen, excurved to vein 4, then incurved; cilia pale brown. Hindwing yellow, tinged with scarlet especially towards termen. Underside of the wing and costal area of hindwing scarlet.

Hab. Ceylon, Peradeniya (Rutherford), 1 ♂ type. *Exp.* 34 mill.

1084c. *Euryzonosia atricincta* n. sp.

Head, thorax, and abdomen fulvous orange; antennae black; palpi blackish; fore and mid legs black, the hind tibiae, and tarsi except towards base, black. Forewing fulvous orange, the costal edge blackish; a small black discoidal spot and usually a point in middle of cell; a terminal black band, rather broad at costa, narrowing somewhat to inner margin; cilia black. Hindwing fulvous orange; a narrow black terminal band narrowing to a point at tornus; cilia black.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 8 ♂, 3 ♀ type. *Exp.* 22-24 mill.

1137d. *Chamaita nubifera* n. sp.

♀. Head, thorax, and abdomen white slightly mixed with brown; mid tarsi blackish at extremities. Forewing white clouded with pale brown, forming a broad band on subbasal area; a diffused antemedial line emitting a short fascia below costa, then sinuous; a discoidal spot confluent with a patch below the cell extending from the antemedial to the postmedial line, which is oblique on costal half; an incurved line from costa before apex to termen at submedian fold, and a spot at tornus. Hindwing semihyaline white.

Hab. Philippines, Luzon, Los Baños (Baker), 1 ♀ type. *Exp.* 16 mill.

1146a. *Nudaria mesombra* n. sp.

♂. Head, thorax, and abdomen creamy white. Forewing creamy white; a medial red-brown shade from costa to submedian fold, its outer edge oblique and angled outwards to towards termen at vein 2, traversed by a curved white postmedial striga between veins 3 and 2, some yellowish suffusion beyond it below end of cell; a pale red-brown subapical spot and the termen with a slight red-brown line. Hindwing creamy white.

Hab. Philippines, Samar (Whitehead), 1 ♂ type. *Exp.* 16 mill.

1156a. *Diduga excisa* n. sp.

Hindwing of male with the termen excised from below apex to near tornus, a large rounded patch of androconia on upperside at tornus.

♂. Head, tegulae, and prothorax yellowish white, the rest of thorax and abdomen greyish fuscous; antennae except towards base, frons, palpi, pectus, and legs greyish fuscous. Forewing greyish fuscous; the costal area yellowish white with sinuous white lower edge expanding to below the cell at base, into the cell at middle and extremity and twice slightly towards apex; slight

antemedial and medial marks on costa ; a narrow yellowish white terminal band with sinuous inner edge. Hindwing grey with the tuft of hair ochreous and the patch of androconia dark leaden grey.

Hab. Philippines, Luzon, Los Baños (Baker), 1 ♂ type. *Exp.* 16 mill.

1158a. *Diduga metaleuca* n. sp.

♂. Head, tegulae, and patagia pure white, the dorsum of thorax pale brown ; antennae, frons, and palpi ochreous ; abdomen reddish ochreous, ventrally white ; pectus and legs white, the fore and mid legs tinged with ochreous. Forewing dark leaden grey glossed with purple ; the basal and costal areas pure white with the apical area pale orange-yellow, leaving a white line between it and the leaden grey area, the lower edge of the costal fascia bisinuate ; a narrow white terminal band with its inner edge slightly angled inwards at veins 2 and 3 and the orange-yellow from apex extending narrowly on termen to tornus ; a black point on costa towards apex and two on termen below apex ; cilia pale orange-yellow. Hindwing white. Underside of forewing white, the costa tinged with ochreous.

Hab. Philippines, Luzon, Los Baños (Baker), 1 ♂ type. *Exp.* 14 mill.

1168a. *Eugoa arcuata* n. sp.

♂. Head, tegulae, and prothorax white tinged with ochreous, followed by a broad greyish fuscous band leaving a white patch on metathorax ; antennae fuscous with some whitish towards base ; frons at sides and palpi except at tips black ; abdomen reddish ochreous ; pectus and legs ochreous, the fore and mid legs black except the femora above. Forewing pure white ; the costal area tinged with ochreous at base ; the costal edge black ; a round fuscous spot glossed with leaden grey below the cell near base, incurved antemedial and post-medial bands expanding to inner margin and a patch on inner half of terminal area beyond the faint dark subterminal line ; a black discoidal point ; cilia tinged with brown. Hindwing very pale orange-yellow. Underside of forewing pale orange-yellow, the bands as above but the terminal band extending to apex.

Hab. Philippines, Luzon, Los Baños (Baker), 1 ♂ type. *Exp.* 22 mill.

1175a. *Trischalis convoluta* n. sp.

♀. Head, tegulae, and patagia golden rufous, the dorsum of thorax dark leaden grey ; abdomen pale rufous, whitish at base and fuscous at extremity ; pectus, legs, and ventral surface of abdomen pale fulvous yellow. Forewing pale fulvous yellow ; the costal area silvery towards base ; a convoluted leaden grey mark glossed with silver from subcostal nervure near base curving down to inner margin, then up to discal fold beyond the cell, then through lower end of cell to submedian fold below end of cell ; a terminal leaden grey band glossed with silver arising at costa beyond middle, broad on apical area, then narrow ; cilia leaden grey glossed with silver. Hindwing pale grey-brown, the inner margin, termen, and cilia pale yellow. Underside of forewing ochreous, the disk suffused with brown.

Hab. Philippines, Luzon, Los Baños (Baker), 1 ♀ type. *Exp.* 22 mill.

GENUS *Palaeotype* nov.

Type: *Trischalis submarginata* Roths.

Proboscis fully developed; palpi porrect, extending to just beyond the frons, which is smooth; eyes large, round; antennae of male with bristles and cilia; tibiae with all the spurs present. Forewing with the costa arched towards apex, which is rounded, the termen evenly curved; vein 3 from well before angle of cell; 5 absent; 6, 7, 8, 9, 10, 11 from cell. Hindwing with veins 3 and 5 absent; 6, 7 stalked; 8 from middle of cell.

NOCTUIDAE.

Agrotinae.

250a. *Porosagrotis atricentrica* n. sp.

♂. Head and thorax ochreous white tinged with rufous and mixed with some black-brown; abdomen white; pectus white. Forewing ochreous white tinged with rufous and irrorated with black-brown, the costal edge blackish except towards base; antemedial line black, angled outwards in the cell and submedian fold and inwards at median nervure and vein 1, bent outwards above inner margin, claviform defined by black, rounded at extremity; orbicular and reniform large, ochreous white suffused with rufous and defined by black except above, the former rounded, the latter elliptical, some black in the cell before the lower part of former between them and beyond the reniform; postmedial line black, excurved below costa, then strongly dentate, oblique below vein 4; a red-brown and blackish patch on costal area before the subterminal line, which is represented by dentate red-brown and blackish marks in the interspaces; a terminal series of black points. Hindwing white. Underside white, the costal area of forewing suffused with rufous.

Hab. Argentina, Buenos Ayres (Wilkinson), 1 ♂ type. *Exp.* 32 mill.

290a. *Euxoa cymographa* n. sp.

♀. Head and thorax grey mixed with dark brown; antennae black; abdomen grey-white mixed with brown; pectus and ventral surfaces of abdomen white mixed with some dark brown, the tibiae and tarsi banded black-brown and white, the anal tuft rufous below. Forewing grey tinged with red-brown and irrorated with black; subbasal line double, black filled in with whitish, waved, from costa to submedian fold; antemedial line double, black filled in with white at costa, oblique, waved; claviform slightly defined by black scales at extremity, small; orbicular and reniform large, with white annuli defined by black, the former round; medial line rather diffused, black-brown, incurved in the cell, oblique and waved from vein 2 to inner margin; postmedial line double, the inner line black, the outer less distinct, filled in with white at costa, bent outwards below costa, then dentate, oblique below vein 4, slight blackish streaks beyond it on the veins and some white points on costa; a subterminal series of dentate dark marks in the interspaces defined on outer side by white scales; a lunulate black terminal line; cilia whitish tinged with red-brown and with brown lines near base and tips. Hindwing white, the veins and inner and terminal areas tinged with red-brown; a dark terminal line; cilia pure

white. Underside of forewings bluish white tinged with brown, the costal area white irrorated with black to just beyond a dark postmedial striga from costa, the terminal area with dark irroration; hindwing white, the costal area with dark irroration.

Hab. Br. E. Africa, Eb Urru (Betton), 2 ♀ type. *Exp.* 42 mill.

561*a*. *Euxoa irioleuca* n. sp.

♂. Head whitish suffused with red-brown, the antennae and palpi to near extremity of 2nd joint black-brown; thorax whitish mixed with black-brown; abdomen whitish suffused with brown, the anal tuft rufous; pectus, legs, and ventral surface of abdomen whitish mixed with dark brown. Forewing whitish faintly tinged with red-brown and sparsely irrorated with black-brown, the basal costal area more strongly tinged with red-brown; antemedial line black-brown, oblique, sinuous; a dark point in middle of cell; reniform defined by black-brown, narrow; an indistinct rather diffused reddish-brown medial line, slightly angled outwards to lower angle of cell, then somewhat oblique and sinuous; postmedial line black-brown, obliquely downcurved below costa, then slightly waved, slightly incurved at discal fold and incurved below vein 4; a somewhat triangular blackish shade on costal area with two white points on it at costa before the faint waved dark subterminal line; a terminal series of minute black spots. Hindwing white faintly tinged with brown; a terminal series of dark striae between veins 7 and 3; the underside with the costal area tinged with red-brown and irrorated with blackish, a small blackish discoidal lunule and curved postmedial series of points to vein 3.

♀. Abdomen much browner; forewing more strongly tinged with red-brown and irrorated with blackish, the ante- and postmedial lines indistinctly double.

Hab. W. Falkland Is. (Vallentin), 1 ♂ type, type ♀ in Mus. Oxon. *Exp.* 38 mill.

582*a*. *Euxoa xanthosemata* n. sp.

♂. Head and thorax rufous mixed with pale yellow; abdomen white suffused with rufous except at base; pectus and base of legs white. Forewing rufous mixed with yellowish white; slight red-brown subbasal marks from costa and cell; a yellowish-white patch on costal area before the antemedial line, which is red-brown, oblique, waved; claviform slightly defined by red-brown at extremity; orbicular and reniform large, yellowish white with some rufous in centres, the former round, defined by red-brown at sides, the latter defined by red-brown on inner side; postmedial line red-brown, waved, excurved to vein 4, then incurved; subterminal line represented by small yellowish white marks in the interspaces, excurved below vein 7 and at veins 4, 3; cilia rufous with a yellowish line at base. Hindwing white tinged with rufous except at base, the veins rufous; cilia white, rufous towards apex, a yellowish line at base followed by a rufous line; the underside white, the costal area rufous irrorated with white, the terminal area suffused with rufous to submedian fold.

♀. Forewing rufous mixed with some yellow, no pale patch on antemedial costal area, the stigmata yellow; hindwing more uniformly suffused with rufous.

Hab. Russia, Caucasus, Elizabethpol, 1 ♂, 1 ♀ type. *Exp.* 40 mill.

620a. *Feltia atridiscata* n. sp.

Euxoa basigramma Hmpsn., *P.Z.S.* 1906. p. 488 (nec Staud.).

♀. Head, thorax, and abdomen grey tinged with brown, the vertex of head browner, the tegulae with strong black line at middle; antennae fuscous brown; frons at sides and palpi to near extremity of 2nd joint blackish; pectus, legs, and ventral surface of abdomen grey suffused with brown. Forewing grey tinged with brown; some blackish scales on costa; claviform elongate, red-brown defined by black; orbicular and reniform defined by black, the former small, rather elongate elliptical, the latter with grey annulus and brown centre, rather attenuate above, some black-brown in the cell before it and below the orbicular and some black-brown on its outer side forming a dentate mark at discal fold; the termen more strongly tinged with brown; cilia with a whitish line at base followed by two slight brown lines. Hindwing grey suffused with pale red-brown; a darker terminal line; cilia white with a slight brown line near base. Underside white tinged with red-brown, the hindwing with brown discoidal lunule.

Ab. 1. Head, thorax, and forewing more strongly tinged with red-brown.

Hab. Tibet, Gyantse, 13,000 ft. (Walton, Bailey), 2 ♀ type. *Exp.* 40 mill.

657a. *Agrotis olearia* n. sp.

♂. Head and thorax dark red-brown slightly mixed with grey; antennae black-brown; palpi with some bright rufous in front and at extremity of 2nd joint; abdomen grey suffused with dark brown; pectus, legs, and ventral surface of abdomen dark red-brown mixed with some grey. Forewing grey tinged with red-brown and thickly irrorated with black, the costal edge rufous; a slight brown subbasal spot on costa; antemedial line faint, pale, incurved, with two slight brown spots at costa; orbicular and reniform with faint pale annuli, the termen round, the latter with black spot before it at discal fold; postmedial line faint, pale, excurved to vein 3, then incurved; traces of a pale subterminal line; a terminal series of slight dark spots; cilia red-brown with a fine whitish line at base. Hindwing glossy grey-brown with a reddish tinge; a faint dark discoidal spot; a terminal series of slight dark marks to submedian fold; cilia whitish with a faint brown line at middle. Underside of forewing brown, the costa rufous irrorated with black, the terminal area pale irrorated with blackish; hindwing white tinged with brown and irrorated with dark brown, the costal area tinged with rufous and irrorated with black, a black discoidal lunule, a faint curved brown postmedial line.

Hab. Mexico, Guerrero, Hidalgo (Mann and Skewes), 1 ♂ type. *Exp.* 52 mill.

677a. *Agrotis medioatra* n. sp.

♀. Head and thorax whitish mixed with dark brown, the tegulae with strong black medial band concave behind; antennae whitish tinged with brown; sides of frons and palpi with some blackish, the latter with the extremity of the 2nd joint and the 3rd joint white; abdomen whitish suffused with brown; pectus, legs, and ventral surface of abdomen white mixed with brown, the tarsi ringed with white. Forewing grey-white tinged with brown and irrorated with dark brown, the costal area whiter to the postmedial line; some black in base of

submedian interspace; antemedial line blackish defined on inner side by white, slightly angled outwards below costa and above inner margin and incurved between these points; claviform represented by a faint brown and whitish line across submedian interspace at its extremity; orbicular and reniform white defined by black, the former round, the cell before and between them black; postmedial line brown slightly defined on outer side by white, bent outwards below costa, excurved to vein 4, then incurved and slightly dentate; traces of a pale subterminal line; a terminal series of slight blackish lunules; cilia with a white line at base followed by a brown line. Hindwing semihyaline white, the inner area tinged with brown; a slight brown terminal line from apex to vein 2; the underside with the costal area irrorated with a few brown scales, a postmedial brown striga from costa and slight points on veins 6 and 5, a terminal series of brown points to vein 2.

Hab. Arabia, Yemen (Bury), 1 ♀ type. Exp. 38 mill.

688a. *Agrotis paramensis* n. sp.

♀. Head and thorax rufous mixed with some dark brown; palpi blackish brown, the 2nd joint at extremity and 3rd joint above whitish; abdomen mixed with brown and dorsally tinged with yellow on basal half; pectus, legs, and ventral surface of abdomen whitish mixed with red-brown. Forewing grey suffused with brown, the costal area paler to the postmedial line and tinged with rufous especially towards base; two subbasal black striae below costa and a patch below the cell with small white spot in centre; antemedial line double, black-brown filled in with white, angled outwards below costa and inwards in the cell and at vein 1, excurved below the cell and above inner margin; claviform small, defined by black-brown; orbicular and reniform with white annuli defined by black-brown and with red-brown centres, the former elliptical; postmedial line black-brown, forming a small spot at costa, bent outward below costa, then dentate, excurved to vein 4, then incurved, some white points beyond it on costa with black-brown between them; a blackish-brown bar from costa before the faint slightly waved brown subterminal line; a terminal series of minute black-brown spots; cilia with a fine white line at base. Hindwing white tinged with red-brown especially on inner area, the veins browner; a rather darker terminal line; cilia white with a brown line near base; the underside with the costal area irrorated with dark brown, a small blackish discoidal spot and indistinct curved waved postmedial line; a terminal series of small dark-brown spots to vein 2.

Hab. Colombia, Paramã del Quindin (Fassl), 1 ♀ type. Exp. 42 mill.

GENUS *Trichosilia* nov.

Type: *Noctua acarne* Smith.

Proboscis fully developed; palpi obliquely upturned; fringed with rather long hair in front, the 3rd joint short; frons smooth; eyes large, round, slightly hairy and overhung by rather long cilia; antennae of male ciliated; thorax clothed with hair only and without distinct crests; all the tibiae spined, moderately fringed with hair; abdomen with ridges of rough hair. Forewing with the apex rounded, the termen evenly curved and not crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with

8 to form the areole ; 11 from cell. Hindwing with veins 3, 4 from angle of cell ; 5 obsolescent from middle of discocellulars ; 6, 7 from upper angle ; 8 anastomosing with the cell near base only.

In key differs from *Metalepsis* in the eyes being hairy and from *Trichophotia* in their being overhung by cilia.

913b. *Lycophotia falclandica* n. sp.

♂. Head and thorax pale glossy red-brown, the basal half of tegulae black-brown ; antennae and palpi to near extremity of 2nd joint black-brown ; abdomen dark reddish brown tinged with grey, the anal tuft rufous ; legs reddish brown suffused with black-brown. Forewing pale glossy red-brown, the terminal area slightly darker ; a dark point in middle of cell ; reniform defined by rather diffused black-brown, narrow ; a blackish terminal line ; cilia with dark brown mixed and a slight dark line at middle. Hindwing white tinged with brown, the costal and terminal areas more suffused with brown ; a slight dark discoidal lunule ; cilia white tinged with brown towards apex ; the underside with the costal area strongly suffused with brown, a small black discoidal spot.

♀. Forewing with traces of an oblique sinuous dark antemedial line, the claviform defined by blackish, the orbicular defined by blackish and with black point in centre, round, the reniform broader, defined by black and with its centre dark.

Hab. W. Falkland Is. (Vallentin), 1 ♂ type, type ♀ in Mus. Oxon. *Exp.* 38 mill.

944a. *Lycophotia leuconeura* n. sp.

Head and thorax pale grey mixed with dark brown, the tegulae with fine white line at tips, the frons black at sides and white below, the palpi dark brown at sides with some white in front, the extremity of the 2nd joint and the 3rd joint white ; abdomen white dorsally suffused with brown except at extremity ; pectus, legs, and ventral surface of abdomen white slightly irrorated with brown. Forewing pale grey suffused with brown and irrorated with a few black scales, the costal edge and veins streaked with white ; subbasal line black, waved, from costa to submedian fold ; antemedial line black defined on inner side by white, slightly excurved to median nervure, then incurved and excurved above inner margin ; claviform large, defined by brown and white, extending to median nervure ; orbicular and reniform large, defined by brown and white, the former round, the latter extending to well below angle of cell ; a blackish mark at middle of costa and diffused oblique brown line from vein 2 to inner margin ; postmedial line black defined on outer side by white forming a small spot at costa, then very slightly waved, excurved to vein 4, then incurved ; subterminal line whitish defined on inner side by diffused blackish, incurved below costa, excurved at vein 7, then slightly waved and angled outwards at veins 4, 3, the terminal area browner ; a terminal series of blackish lunules ; cilia with a white line at base. Hindwing white, the inner area tinged with red-brown ; the veins towards termen brown and the terminal area suffused with brown ; cilia pure white. Underside white, the terminal area of forewing and of hindwing to vein 2 suffused with brown.

Hab. C. Persia, Kerman (Cane), 1 ♂, 1 ♀ type. *Exp.* 42 mill.

953a. *Lycophotia interfasciata* n. sp.

♀. Head and thorax white mixed with dark brown, the tegulae with strong black line near base; antennae black-brown, the basal joint white in front; frons with some fulvous yellow at sides; palpi white above and with black spot on 2nd joint near upper edge; abdomen white mixed with brown; pectus and legs white mixed with brown, the tarsi ringed with white. Forewing grey-white tinged with brown and slightly irrorated with black, the costa striated with blackish except towards base; a sinuous black streak below the cell to below origin of vein 2; faint traces of a sinuous brown antemedial line; orbicular and reniform white defined by black, the former round, the latter with some brown in centre, a black fascia in lower part of cell between them and just before the orbicular; postmedial line indistinct, brown, forming a minute black spot at costa, bent outwards below costa and oblique below vein 4, some white points beyond it on costa; a red-brown shade on costal area before the faint curved brown subterminal line; a whitish apical patch; a terminal series of slight black lunules and fine white line at base of cilia. Hindwing semihyaline white, the veins and inner margin tinged with red-brown; a rather diffused brown terminal line; cilia white with a brown line near base; the underside with the costal area irrorated sparsely with black, a terminal series of black lunules to vein 2 and line in submedian interspace.

Hab. Mexico, Guerrero, Hidalgo (Mann and Skewes), 1 ♀ type. *Exp.* 38 mill.

956a. *Lycophotia ignetincta* n. sp.

♂. Head and thorax whitish suffused with pale fiery red, the tegulae with velvety black patch at tips rounded in front; antennae brown; frons with some black at sides; palpi with some dark brown at sides, the extremity of 2nd joint and the 3rd joint white; abdomen whitish suffused with pale fiery red, the dorsum with some red-brown suffusion except at base and extremity; pectus, legs, and ventral surface of abdomen whitish suffused with rufous. Forewing whitish tinged with pale fiery red and slightly irrorated with dark brown; a minute blackish spot below the cell at base and oblique black subbasal bar in submedian interspace; some black scales below antemedial part of costa; orbicular on outer side and reniform at sides defined by black, a black patch between them in the cell; a red-brown subterminal patch on costal area; the terminal area slightly tinged with brown; the termen pale fiery red with a series of small black spots; cilia tinged with fiery red and with brown line near base. Hindwing semihyaline white faintly tinged with flesh-red; the underside with the costal area rather more tinged with flesh-red and irrorated with a few brown scales.

Hab. Transvaal, Johannesburg (Cruger), 1 ♂ type. *Exp.* 32 mill.

978a. *Lycophotia punctilineata* n. sp.

♂. Head and thorax rufous mixed with some whitish, the tegulae with strong black line at middle and whitish tips, the dorsum of thorax and edges of patagia with some black-brown; sides of frons and palpi black-brown and red-brown, the latter with the extremity of 2nd joint and the 3rd joint above rufous;

abdomen rufous mixed with whitish and banded with red-brown ; pectus and ventral surface of abdomen whitish mixed with red-brown, the legs red-brown mixed with black-brown, the tarsi black-brown ringed with rufous. Forewing whitish suffused with rufous and slightly irrorated with dark-brown, the costa with series of dark brown marks to near apex ; the base more strongly suffused with rufous ; a waved red-brown subbasal line from costa to vein 1 ; a waved dark-brown antemedial line, produced on inner side to short streaks on the veins ; claviform represented by a dark point at its extremity ; orbicular slightly defined by dark brown, elongate and extending to the reniform, with a dark streak in centre ; reniform with black-brown centre and whitish annulus defined on inner side by black-brown, a small black-brown spot beyond it at discal fold ; traces of an oblique line from lower angle of cell to inner margin ; postmedial line represented by a double series of minute black-brown spots, excurved to vein 2 and incurved in submedian interspace ; a black-brown patch on costal area with some pale points at costa before the subterminal line, which is very indistinctly represented by a somewhat double series of black-brown scales ; a diffused black-brown patch before termen at discal fold ; a terminal series of small black spots and a series of blackish spots near base of cilia. Hindwing semihyaline white with a faint yellowish tinge, the costa towards apex and the inner area tinged with brown, a slight brownish discoidal spot ; a terminal series of black lunules to vein 2 and bar at submedian interspace ; cilia with a brownish line near base to vein 2 ; the underside with the costal area ochreous irrorated with a few black scales, a small black discoidal spot, oblique postmedial bar from costa and series of points on the veins to vein 2.

Hab. Peru, Acopampa (Watkins), 1 ♂ type. *Exp.* 34 mill.

Hadeninae.

1131g. *Trichestra molybdesis* n. sp.

♀. Head and thorax black mixed with some whitish, the tegulae olive-yellow with some black scales at edge, the patagia olive-yellow with some black scales and edged with black ; abdomen black-brown with some whitish scales ; antennae black ; pectus, legs, and ventral surface of abdomen dark brown mixed with some white, the tarsi black-brown ringed with white. Forewing black-brown suffused with leaden grey, the costal area and the submedian fold and inner margin to the subterminal line with diffused olive-yellow fasciae ; a waved black subbasal line from costa to vein 1, double at costa and below submedian fold ; antemedial line black, slightly waved to median nervure, then excurved ; claviform olive-yellow defined by black at extremity, extending to median nervure ; orbicular and reniform defined by black, the former round and touching the antemedial line, the latter white tinged with yellow, its centre olive-yellow with some black scales, some olive-yellow before and beyond it ; postmedial line black, bent outwards to slightly beyond the reniform and touching its upper and lower extremities, oblique and sinuous below the cell and with patches olive-yellow in the interspaces before and beyond it, some olive-yellow points before and beyond it ; a subterminal series of olive-yellow spots in the interspaces with diffused black scales on their inner side ; cilia dark brown mixed with whitish and with fine whitish line at middle. Hindwing white the veins and marginal areas irrorated with dark brown ; cilia white mixed with dark

brown; the underside more uniformly irrorated with brown and with dark discoidal spot and sinuous postmedial line.

Ab. 1. Forewing with whitish annulus to the orbicular, the reniform uniformly filled in with nankeen-yellow and angled inwards on median nervure.

Hab. Mexico, Guerrero, Hidalgo (Mann and Skewes), 2 ♀ type. *Exp.* 30 mill.

1131*h.* *Trichestra chlorochroa* n. sp.

♂. Head and thorax pale blue-green, the prothorax with black patch, the patagia on outer side and the metathorax at sides black; antennae black, ringed with white towards base; frons at sides and palpi black, the latter with the 3rd joint white; abdomen whitish suffused with fuscous black except the anal tuft; pectus black in front, white behind; legs and ventral surface of abdomen white mixed with black, the tarsi black ringed with white. Forewing pale blue-green; subbasal black bars from costa and cell; an antemedial black spot on costa, oblique bar in the cell and oblique band from submedian fold to inner margin; a series of black spots with white between them on costa from before middle to near apex, a spot at middle larger; orbicular and reniform defined by black except above, the former small, in upper part of cell, the latter constricted at middle, the cell between them and a patch beyond the reniform before the postmedial line black; a black band from terminal part of median nervure to inner margin, broad above, then narrow; the postmedial line represented by the outer edge of the patch beyond the cell and the medial band; a subterminal black bar from costa, then traces of a line excurved below vein 7 and at middle and ending at tornus; a slight black terminal line; cilia white with a series of small black spots near base. Hindwing white, the costal and terminal areas broadly and the inner margin suffused with fuscous black; a small blackish discoidal spot and faint postmedial line excurved to vein 4, then oblique; cilia white with a blackish line at middle to submedian fold. Underside of forewing fuscous black, the inner area white, a white postmedial bar from costa; hindwing with the costal area and terminal area to vein 2 broadly and thickly irrorated with black, the postmedial line sinuous and incurved at submedian fold.

Ab. 1. Forewing with rufous mark on outer edge of the medial band below end of cell.

♀. Abdomen black; forewing with some black at base below the cell, a spot on vein 1 beyond the antemedial band, the medial band much broader and tinged with leaden grey, with some green marks at inner margin and a rufous patch below vein 2 before the postmedial line, the terminal area irrorated with black; hindwing fuscous black.

Ab. 2. Forewing without the rufous mark at the medial band below end of cell.

Hab. Mexico, Guerrero, Hidalgo (Mann and Skewes), 4 ♂, 2 ♀.

GENUS *Epia*.

Epia Hübn., *Verz.* p. 214 (1827) nec p. 188, rename *Anepia* n.n. Type: *A. irregularis*.

1215*c.* *Miselia rufifusa* n. sp.

♂. Head, thorax, and abdomen whitish suffused with pinkish rufous and mixed with some dark brown; antennae rufous; palpi dark brown, rufous at

tips; pectus, legs, and ventral surface of abdomen pale rufous. Forewing whitish suffused with pinkish rufous and irrorated with dark brown, the terminal area broadly suffused with dark brown to vein 2; a small black-brown spot below base of cell and subbasal spots below costa and cell; a band of black-brown irroration before the indistinct double waved black-brown antemedial line; filled in with whitish; claviform black-brown, large and diffused; orbicular a small rather diffused black-brown spot, a similar but larger spot in end of cell and a small spot at lower angle of cell; postmedial line indistinctly double, black-brown and somewhat dentate, excurved to vein 4, then oblique, met at vein 6 by an oblique black-brown shade from costa before the subterminal line, the shade then following its outer edge to vein 2, some small white spots with black between them beyond it on costa; subterminal line white, angled outwards to termen at veins 7, 6, 4, 3, and incurved at discal fold, where there is a black-brown patch beyond it; a terminal series of slight red-brown lunules defined on inner side by whitish; cilia rufous with some black-brown at tips. Hindwing whitish suffused with pinkish rufous; postmedial and subterminal shades formed by blackish irroration, the latter with its outer edge slightly waved; a rufous terminal line with some blackish scales on it; cilia rufous, white at tips; the underside pinkish rufous, some blackish scales on discocellulars, the postmedial line formed by blackish scales, excurved to vein 4, then incurved.

Hab. **Er. C. Africa**, Mt. Mlanje (Neave), 1 ♂ type. *Exp.* 30 mill.

1234a. *Miselia micta*.

Nom. nov. for *Perigea falsa* Grote, *Can. Ent.* xii. p. 215 (1889). ♂ nec ♀. The male cannot be the type, as the eyes are described as being smooth; No. 2568 will stand as *Bryomima falsa*.

1338a. *Miselia usticolor* n. sp.

♀. Head and tegulae rufous mixed with red-brown; thorax and abdomen deep chocolate-brown, the anal tuft rufous at extremity; antennae chocolate-brown; palpi whitish at tips; pectus and base of legs pink, the legs dark brown mixed with some pink, the tarsi black-brown ringed with white. Forewing deep glossy chocolate-brown; subbasal line double, black-brown filled in with pinkish rufous, waved, from costa to submedian fold, in which there is a blackish streak beyond it; antemedial line double, black-brown filled in with pinkish rufous, waved; claviform small, black-brown; orbicular minute, whitish defined by black-brown; reniform rather narrow, white tinged with pinkish rufous and defined by black, its centre defined by dark brown; traces of an oblique dark line from lower angle of cell to inner margin; postmedial line double, black-brown filled in with pinkish rufous, oblique and sinuous to vein 6, then dentate and oblique below vein 4, some rufous points beyond it on costa; subterminal line pinkish rufous defined on inner side by black-brown forming somewhat dentate marks below vein 6, angled outwards at vein 7, then slightly waved and somewhat excurved at middle; cilia dark brown with small pink spots at base and some pink at tips. Hindwing whitish strongly suffused with brown with a cupreous gloss; cilia white tinged with pinkish and with brown line near base. Underside of forewing brown, the costa and terminal area irrorated with pink; hindwing white tinged with red-brown, the costal and

subterminal areas red-brown irrorated with pinkish, a blackish discoidal lunule and brown postmedial line excurved at vein 6 and beyond lower angle of cell.

Hab. Mexico, Guerrero, Hidalgo (Mann and Skewes), 1 ♀ type. *Exp.* 40 mill.

1373a. *Miselia viridirufa* n. sp.

♀. Head and thorax pale rufous mixed with some whitish and dark brown; abdomen red-brown mixed with whitish; antennae dark brown, red-brown towards base; pectus and legs pale rufous mixed with whitish, the fore tibiae and tarsi dark brown, the latter ringed with whitish. Forewing whitish suffused with golden green; the inner half of basal area suffused with rufous; two small rufous subbasal spots on costa; an indistinct interrupted oblique waved rufous antemedial line; the area from middle of costa to the subterminal line and down to vein 2 suffused with rufous mixed with dark brown, and a diffused rufous dark-irrorated patch at middle of inner margin; orbicular and reniform white with some rufous in centres, the former round, the latter with some rufous and dark brown in its lower part and below it, the stigmata defined by the rufous patch; postmedial line indistinct, white, bent outwards below costa and incurved below vein 4, some white points beyond it on costa; a subterminal series of small white spots defined on outer side by red-brown marks irrorated with dark brown, angled outwards at veins 4, 3; cilia rufous at base, the tips chequered white and dark brown. Hindwing whitish strongly suffused with cupreous brown, the termen narrowly reddish; cilia rufous at base, white at tips; the underside white suffused with pale red and slightly irrorated with brown, a blackish discoidal spot, rather diffused curved postmedial line, and faint subterminal line.

Hab. Br. E. Africa. Aberdare Mts. (Neave), 1 ♀ type. *Exp.* 34 mill.

1376b. *Miselia syntypica* n. sp.

♂. Head, thorax, and abdomen dark red-brown mixed with brownish white, the tegulae with dark line at middle and patches near tips; antennae dark brown ringed with whitish; tarsi dark brown ringed with whitish. Forewing grey-white suffused and thickly irrorated with red-brown, the medial area except at costa and the terminal area more strongly suffused with red-brown; two dark-brown subbasal striae from costa and one from median nervure; antemedial line dark brown, slightly angled outwards below costa, then strongly excurved to vein 1; claviform whitish tinged with brown and faintly defined by brown, extending to median nervure; orbicular and reniform whitish tinged with red-brown and irrorated with black-brown, slightly defined by black, small, the former rounded; a faint oblique waved dark-brown line from lower angle of cell to inner margin; postmedial line dark brown, somewhat dentate and produced to slight streaks on the veins, excurved to vein 5, then incurved, some whitish points with black-brown between them beyond it on costa; subterminal line whitish, excurved below vein 7 and at middle and incurved at discal and submedian folds; a terminal series of small black spots. Hindwing white; a dark-brown terminal line from apex to submedian fold, the termen and cilia irrorated with a few dark-brown scales; the underside with the costal area slightly irrorated with red-brown.

Hab. Argentina, Metan, 1 ♂ type. *Exp.* 26 mill.

1384a. *Miselia runica* n. sp.

♀. Head and thorax white, the tegulae with strong black line near tips, the patagia with black stripe on outer edge and some black scales near inner edge; antennae black with white points at sides; sides of frons and palpi to near extremity of 2nd joint black; abdomen red-brown; pectus, legs, and ventral surface of abdomen white mixed with some red-brown, the tibiae and tarsi banded with black. Forewing white faintly tinged with green and irrorated with a few black scales; the costa with a series of black bars at origin of the lines and before the subterminal line; two rather interrupted waved black subbasal lines, uniting above inner margin, on base of which there is an irregular black-brown patch; a waved black antemedial line with another much interrupted line before it; claviform very small and defined by black; orbicular defined by black, small and round; reniform defined by black except above and constricted at middle; postmedial line black and somewhat interrupted, slightly bent outwards below costa, then waved and touching the lower part of reniform, incurved below vein 4, another much-interrupted line beyond it; subterminal line black, forming a wedge-shaped patch from costa with a white point on it at costa, dentate inwards and with a line beyond it between veins 5 and 2, excurved at vein 1; the cilia with a series of black lunules at base with black-brown bars beyond them at tips. Hindwing white almost entirely suffused with red-brown; cilia white with brown line near base, obsolescent towards tornus. Underside white irrorated with red-brown except on inner area of forewing, which has a diffused brown postmedial line to vein 2, excurved below costa, and subterminal patch from costa; hindwing with slight brown discoidal spot and diffused curved postmedial line.

Hab. U.S.A., Arizona, Palmerlee, 1 ♀ type. *Exp.* 26 mill.

1419a. *Odontestra conformis* n. sp.

♂. Head, thorax, and abdomen red-brown mixed with some grey; palpi, pectus, legs, and ventral surface of abdomen red-brown, the tarsi ringed with white. Forewing leaden grey suffused with red-brown; two black subbasal striae from costa and a black patch below base of cell with a whitish striga on it; antemedial line reddish white defined on outer side by black-brown, slightly angled outwards below costa, then sinuous; claviform dark red-brown defined by black, large; orbicular and reniform greyish suffused with red-brown and defined by black, large, the former oblique elliptical, the latter open above; a rather diffused oblique blackish line from lower angle of cell to inner margin; postmedial line indistinctly double, the inner line black, the outer faint, bent outwards below costa, then dentate; a subterminal series of white bars defined on inner side by dentate black-brown marks, angled outwards at vein 7; a terminal series of small black spots. Hindwing pale red-brown with a greyish tinge; a dark terminal line; cilia whitish tinged with red-brown and with a brown line at middle; the underside with dark discoidal bar and diffused curved postmedial line.

Hab. Cape Colony, Kokstad (Mrs. Pringle), 1 ♀ type. *Exp.* 42 mill.

1519a. *Chabuata cerastidia* n. sp.

♀. Head and thorax bright glossy red-brown, the head and tegulae with a few white scales; antennae dark brown, ringed with white towards base; palpi deep chocolate-brown irrorated with ochreous; abdomen red-brown tinged with grey, the anal tuft rufous; pectus, legs, and ventral surface of abdomen dark red-brown irrorated with white, the tarsi ringed with white. Forewing deep glossy red, the veins dark brown irrorated with white; a waved grey-white subbasal line from costa to submedian fold; antemedial line grey-white, waved; orbicular a faint brown spot with some white scales on it in upper part of cell, the reniform represented by a small patch of white scales; traces of an oblique waved line formed by white scales from lower angle of cell to inner margin; postmedial line formed by white scales faintly defined on inner side by brown, slightly waved, excurved beyond the angles of cell and incurved at discal fold and below vein 3, some white points beyond it on costa; subterminal line formed by white scales defined on inner side by a brown line, excurved below vein 7 and at middle; a terminal series of slight white points; cilia dark red-brown tinged with grey. Hindwing glossy red-brown, the cilia whitish tinged with red-brown and with brown line near base. Underside of forewing brown, the costal and terminal areas red-brown irrorated with whitish, the inner area whitish; hindwing grey tinged with red-brown and irrorated with dark brown, the costal area red-brown irrorated with ochreous, a blackish discoidal spot and brown postmedial line.

Hab. Peru, Uruhuasi (Watkins), 1 ♂ type. *Exp.* 32 mill.

1537b. *Hyssia rufimixta* n. sp.

♀. Head, thorax, and abdomen dark brown mixed with some whitish; antennae dark brown; palpi black mixed with whitish; pectus, legs, and ventral surface of abdomen whitish mixed with brown, the tarsi dark brown ringed with white. Forewing dark brown suffused with leaden grey and irrorated with blackish and some rufous; subbasal line black defined on outer side by rufous; from costa to above vein 1, where it is curved inwards; antemedial line black defined on inner side by rufous, inwardly oblique below submedian fold; clavi-form defined by black and with black patch from its extremity to the post-medial line; orbicular and reniform large, rufous mixed with grey-brown, the former round, the latter extending to below the cell; postmedial line black defined on outer side by rufous, bent outwards below costa, then dentate and produced to slight streaks on the veins, excurved to vein 4, then incurved, some white points beyond it on costa; subterminal line white defined on inner side by slight brown marks, bent outwards at vein 7 and dentate at veins 4, 3; a terminal series of small black lunules; cilia rufous with blackish line near base and chequered with blackish at tips. Hindwing white, the veins and inner and terminal areas suffused with brown; a dark terminal line; cilia white, tinged with brown at base. Underside of forewing grey-brown, the costal area irrorated with whitish; hindwing with the costal and terminal areas suffused and irrorated with brown, a sinuous brown postmedial line.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 34 mill.

1538a. *Hyssia pallidicosta* n. sp.

♀. Head ochreous white with a few blackish scales; thorax grey and white suffused with red-brown and with some blackish scales; antennae black-brown, white in front towards base; palpi whitish in front, pale red-brown and black at sides; abdomen whitish suffused with red-brown; pectus and legs pale red-brown, the tibiae with some black-brown, the tarsi black-brown ringed with white. Forewing grey suffused with pale red-brown and irrorated with black, the veins streaked with white, the costal area whitish irrorated with black; some black below base of cell; antemedial line faint, with slight oblique black striga from costa, then pale and curved; orbicular small, white with a dark bar in centre, oblique elliptical; reniform narrow, white tinged with rufous, its centre defined on inner side by a dark line, some dark brown beyond it before the post-medial line, which is blackish with a black point at costa, bent outwards below costa, then oblique and slightly sinuous; traces of a sinuous subterminal line formed by black scales; a terminal series of slight black lunules; cilia with a fine whitish line at base. Hindwing whitish suffused with pale red-brown and tinged with grey; a terminal series of black striae; cilia creamy white with a faint brown line near base. Underside of forewing grey-brown, the costa whitish irrorated with black and with a black postmedial bar from costa; hindwing whitish tinged with red-brown and irrorated with black, a black discoidal spot and brown postmedial line.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 34 mill.

1692a. *Morrisonia macropis* n. sp.

♀. Head and thorax rufous, the vertex of head and dorsum of tegulae with whitish streak, the prothoracic crest whitish at tip; the tegulae with black medial line defined by bright rufous in front, their tips white with bright rufous before them, the patagia with some white scales on upper edge, the palpi with some dark brown at sides and white tips; abdomen pale silky red-brown, the basal crest white with black bar, the anal tuft rufous; pectus, legs, and ventral surface of abdomen rufous mixed with some whitish, the fore tibiae and tarsi whitish tinged with rufous, the latter with some black at extremity. Forewing pale red-brown slightly tinged with grey, the veins blackish irrorated with white; the costa whitish towards base; a sinuous black streak in submedian fold to the antemedial line, defined above by whitish towards base; two oblique blackish subbasal striae from costa; two oblique antemedial black striae from costa and a faint oblique blackish line from cell to inner margin; claviform slightly defined by black scales at extremity; orbicular and reniform large, with some blackish in centre and slight white annuli defined by black except above, the former elongate elliptical, the latter with its centre defined by black on inner side, some blackish suffusion between them and above them on costal area; traces of an oblique waved blackish line from lower angle of cell to inner margin; postmedial line indistinct, double, dark brown, bent outwards below costa, then somewhat dentate, excurved to vein 4, then oblique, some white points beyond it on costa; subterminal line whitish defined on inner side by small dentate black marks at middle, angled outwards at vein 7, then slightly waved; a rather punctiform black terminal line and pale line at base of cilia. Hindwing

red-brown with a cupreous gloss, the cilia whitish, tinged with rufous at base and with brown line through them; the underside whitish tinged with red-brown, the costal area irrorated with white, a dark discoidal lunule.

Hab. New Zealand (Hudson), 1 ♀ type. *Exp.* 40 mill.

1793a. *Aspidifrontia abyssinica* n. sp.

Antennae of male with very short branches ending in fasciculate cilia.

♀. Head and thorax rufous tinged with dark brown; antennae rufous; abdomen pale rufous; pectus, legs, and ventral surface of abdomen rufous. Forewing rufous with some darker brown on basal area and on costa; traces of a brown subbasal line from costa to submedian fold; antemedial line faint, brown, oblique; reniform faintly defined by dark brown; postmedial line faint, brown, bent outwards below costa and oblique below vein 4; traces of a waved red-brown subterminal line; a terminal series of slight dark lunules. Hindwing white, the veins and costal area tinged with rufous; the underside with the costal area suffused with rufous, traces of a rufous postmedial line.

Hab. Abyssinia, Kutai Mecha (Degen), 1 ♂ type. *Exp.* 44 mill.

1838a. *Cirphis multipunctata* n. sp.

♂. Head and thorax ochreous white with a few black scales, the tegulae strongly irrorated with black; antennae rufous except at base; palpi with the 2nd joint at sides mostly black; abdomen ochreous white suffused with brown, the anal tuft tinged with rufous; pectus and ventral surface of abdomen ochreous tinged with rufous, the latter irrorated with black; legs ochreous tinged with brown. Forewing ochreous irrorated with black and faintly tinged with rufous, the black scales forming an obscure streak in base of submedian fold and along median nervure; slight antemedial black marks above and below median nervure; a small black spot in lower part of cell towards extremity and a spot in lower angle; postmedial line represented by a double series of black points, arising below the costa and oblique below vein 4; a faint oblique red-brown fascia from termen at vein 7 to lower angle of cell; the terminal area more strongly tinged with rufous except at apex; a series of black points just before termen; cilia with some black scales at tips. Hindwing ochreous white, the inner and terminal areas tinged with brown; a terminal series of blackish points to vein 2; cilia white slightly tinged with rufous; the underside with the costal area irrorated with a few black scales.

Hab. Assam, Shillong (Parish), 1 ♂ type. *Exp.* 40 mill.

1865a. *Cirphis rufescens* n. sp.

♀. Head and thorax rufous, the patagia with a few black scales on upper edge; antennae brown except at base; sides of frons and palpi with some black scales; abdomen greyish ochreous tinged with brown; pectus and femora rufous; tibiae, tarsi, and ventral surface of abdomen greyish ochreous irrorated with blackish. Forewing greyish ochreous suffused with rufous and slightly irrorated with blackish, the median nervure streaked with white except towards base and veins 4, 3, and 1 slightly streaked with whitish to the postmedial line; black points in and beyond lower angle of cell; a postmedial series of black

points on the veins, oblique below vein 4; a terminal series of prominent black points. Hindwing ochreous white suffused with brown especially on terminal area; a terminal series of black points to vein 2; cilia white with a faint brownish line near base to vein 2; the underside ochreous white with a slight silvery gloss, the costal area tinged with rufous and the costal area and terminal area except towards tornus irrorated with black, a slight black discoidal lunule and faint waved brownish postmedial line.

Hab. Ceylon, Pattipolla (Alston), 1 ♀ type. Exp. 40 mill.

1865b. *Cirphis metalampra* n. sp.

♂. Head and thorax and abdomen ochreous white slightly tinged with red-brown; antennae dark red-brown, whitish above towards base; palpi and forelegs bright rufous; abdomen with the sublateral tufts at base black. Forewing ochreous white irrorated with black and faintly tinged with flesh pink; an antemedial black point on vein 1 and medial point just below submedian fold; a postmedial series of slight black points on the veins, arising below the costa and oblique below vein 4; an oblique black streak from before termen at vein 7 to vein 5; a terminal series of prominent black points; cilia with a white line at base. Hindwing glossy white; a postmedial series of minute black streaks on veins 6, 4, 3, 2; a terminal series of minute black points from below apex to vein 2; the underside metallic silvery, the costal area ochreous white with a few black scales, a terminal series of black points to vein 2.

Hab. Portuguese E. Africa, Mt. Chipirone (Neave), 1 ♂ type. Exp. 34 mill.

1883a. *Cirphis homoeoptera* n. sp.

Head and thorax whitish tinged with flesh pink, the tegulae with two slight brown lines near base and the tips deep rufous, the patagia with the outer edge deep rufous towards base and with a few black scales on upper edge; antennae blackish, whitish towards base; palpi with the 2nd joint deep rufous behind and with some red-brown in front; abdomen fuscous black, the anal tuft whitish tinged with brown; pectus and legs whitish mixed with red-brown. Forewing ochreous white, the cell and area just below and beyond it suffused with rufous leaving slight ochreous streaks in end of cell, the veins defined by fine rufous streaks on each side except towards base and the interspaces of terminal area with fine rufous streaks, the median nervure with white streak towards extremity; a postmedial series of black points, bent outwards below costa and oblique below vein 4, the point at discal fold nearer the cell; an oblique ochreous white fascia from apex to before the postmedial line at vein 3, defined above and below by rufous shades; a terminal series of black points; cilia tinged with rufous. Hindwing greyish strongly suffused with fuscous; an indistinct dark discoidal spot; cilia white with a faint brownish line through them; the underside white thickly irrorated with black, a black discoidal spot, a blackish subterminal shade with a postmedial series of black points on its inner edge at the veins, a terminal series of prominent black points to vein 2.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♂, 1 ♀ type. Exp. 36 mill.

1889a. *Cirphis atrisignata* n. sp.

♂. Head, thorax, and abdomen rufous slightly mixed with ochreous; antennae ringed with blackish towards base; sides of frons and palpi with more black; legs and ventral surface of abdomen slightly irrorated with black, the latter with sublateral series of small black spots. Forewing greyish suffused with rufous and irrorated with black, the veins with fine whitish streaks, rather more prominent on median nervure and veins 4, 3; a short black streak below base of cell; an oblique antemedial black striga from costa and point below the cell; orbicular a small round black-brown spot defined by whitish; reniform a strong black-brown bar with faint pale annulus defined on inner side by two black points and on outer by three; postmedial line black, slightly bent outwards below costa, then rather oblique to vein 7, then reduced to points on the veins, oblique below vein 4; a subterminal series of slight wedge-shaped black marks in the interspaces between veins 8 and 1 with streaks formed by black scales from them to the terminal series of minute black spots; cilia with a slight dark line near type. Hindwing reddish brown tinged with grey; a faint dark discoidal spot and diffused postmedial line; a slight dark terminal line; cilia whitish tinged with rufous and with a dark line near base. Underside of forewing fuscous except the marginal areas; hindwing whitish suffused with rufous and irrorated with dark brown, a blackish discoidal spot and rather diffused curved postmedial line, a terminal series of blackish striae.

Hab. Colombia, Monte Socorro (Fassl), 1 ♂ type. *Exp.* 48 mill.

1911a. *Cirphis leucophlebia* n. sp.

♀. Head and thorax whitish mixed with pale red-brown; antennae brown, whitish towards base; abdomen white faintly tinged with red-brown, the ventral surface irrorated with black. Forewing glossy whitish tinged with pale red-brown and irrorated with black, the veins with pure white streaks defined on each side by slight pale red-brown streaks, the interspaces beyond the cell with fine pale red-brown streaks; a postmedial series of blackish points on the veins, excurved and faint to vein 4, then oblique and distinct; cilia white at tips. Hindwing glossy white, the veins and terminal area tinged with brown; cilia white with a faint brown line near base to vein 2. Underside of forewing with the disk tinged with fuscous; hindwing with the costal area faintly tinged with flesh colour, the costal area and terminal area with slight dark irroration, a terminal series of black points to vein 2.

Hab. Argentina, Cordoba, Arias (Matthew), 1 ♀ type. *Exp.* 48 mill.

1963a. *Cirphis miastieta* n. sp.

♀. Head and thorax whitish tinged with flesh colour, a few black scales between antennae and on upper edge of patagia; antennae dark brown except towards base; abdomen white with a faint red-brown tinge, the basal crest black at tips; palpi, legs, and ventral surface of abdomen irrorated with blackish. Forewing white tinged with flesh colour and sparsely irrorated with black; slight obliquely placed antemedial black points above and below postmedian fold; a small black spot in lower angle of cell; a postmedial series of slight blackish points in the veins, oblique below vein 4; a faint oblique fuscous shade

from termen below apex to the postmedial line at vein 5; a terminal series of black points. Hindwing silvery white, the veins and termen with a faint ochreous brown tinge, a terminal series of black points to vein 2. Underside of forewing with some black irroration on the extremity of subcostal nervure and on the veins beyond upper and lower angles of cell; hindwing with the costal area tinged with flesh colour and irrorated with a few black scales.

Hab. N. Nigeria, Minna (Macfie), 2 ♀ type. *Exp.* 30 mill.

1974a. *Borolia carminata* n. sp.

♂. Head and thorax rosy red mixed with some ochreous, palpi rosy red, the 2nd joint in front and 3rd joint whitish; abdomen ochreous tinged with brown, the anal tuft tinged with pale red; pectus, legs, and ventral surface of abdomen ochreous tinged with red-brown. Forewing glossy rosy red, slightly irrorated with white to end of cell, the terminal area with some dark irroration; rather diffused violaceous grey streaks along subcostal and median nervures and some violaceous grey suffusion below end of cell; antemedial line faint, deeper red, oblique to just below the cell and incurved at vein 1; some dark scales on the discocellulars; postmedial line dark brown, minutely dentate, excurved to vein 4, then incurved; a faint curved red subterminal line with some dark scales at the veins. Hindwing brown with a cupreous gloss; the termen narrowly and cilia rosy red, the latter whitish at tips. Underside of forewing dark brown to just beyond the cell, the costal and terminal areas rosy red; hindwing ochreous white, the costal area suffused with dark brown to the postmedial line, the terminal area rosy red to submedian fold, a dark-brown discoidal striga and curved slightly waved postmedial line.

Hab. Dutch N. Guinea, Mt. Goliath (Meek), 1 ♂ type. *Exp.* 34 mill.

1997a. *Borolia rufidefinita* n. sp.

♂. Head and thorax yellowish white, the head strongly suffused with rufous, the thorax slightly suffused; antennae dark brown, paler and ringed with dark brown towards base; sides of frons and palpi except towards tips red-brown; abdomen rufous, whitish toward base. Forewing yellowish white slightly tinged with rufous, the costal edge white; a prominent silvery white streak on median nervure except towards base, defined below by a rufous fascia extending to the base and met at lower angle of cell by an oblique dark shade from termen below apex; a curved postmedial series of black points on the veins, slightly bent outwards below costa; a terminal series of black points to submedian fold. Hindwing uniform pure glossy white. Underside glossy white, the forewing with the costal area slightly tinged with flesh colour and the costal area of both wings irrorated with black.

Hab. Peru, Callão, 1 ♂ type. *Exp.* 30 mill.

1999a. *Borolia leucospia* n. sp.

♂. Head whitish tinged with flesh red, the antennae blackish except towards base; thorax flesh red; abdomen whitish, dorsally tinged with fuscous; pectus and legs white, the latter tinged with brown-pink; ventral surface of abdomen irrorated with a few blackish scales. Forewing flesh red striated with fuscous and irrorated with a few black scales, the costal edge white to near apex;

antemedial line indistinct, oblique, rather diffused fuscous, slightly angled inwards at vein 1; a pure white point at lower angle of cell with some blackish suffusion round it; traces of a diffused dark postmedial line, excurved to vein 3, then incurved; a subterminal series of black points; a terminal series of black points except towards tornus. Hindwing pure white, the termen brown to vein 2; cilia tinged with flesh red at apex; the underside with the costal area tinged with flesh red and irrorated with blackish, a terminal series of black points to above vein 2.

Hab. Philippines, Luzon, Los Baños (Baker), 3 ♂ type, Mt. Makiling (Baker), 1 ♂. *Exp.* 30 mill.

Cucullianae.

2156a. *Cucullia costaricensis* n. sp.

♂. Head red-brown, a dark-brown bar above frons with pale bar below it, the sides of frons dark brown; thorax pale grey tinged with red-brown, the tegulae with two fine dark brown lines near base and a dark brown line just before tips except dorsally, the tips beyond it whitish; abdomen grey-white tinged with red-brown, the crests redder brown; pectus and legs whitish mixed with rufous, the tibiae with dark brown streak; ventral surface of abdomen white, greyish towards extremity. Forewing grey-white slightly irrorated with red-brown, the basal area and costal area to discal fold suffused with red-brown, the inner half of medial area whiter; antemedial line indistinct, white, rather diffused and dentate, a red-brown shade beyond it from costa to discal fold; slight dark streaks on median nervure and on the veins beyond the cell; a fine dark streak below middle of cell above submedian fold; orbicular represented by black points on its inner and outer side in upper part of cell, the reniform by black points on its inner and outer edges above, its part below the cell defined by a curved black line; an obliquely curved red-brown medial shade; postmedial line indistinct and whitish, angled outwards below costa, then waved, incurved below vein 4, with a black-brown point on its inner side at vein 3, and defined on inner side by a black-brown line below vein 2, a dark brown streak on inner margin from it to the antemedial line, some white points beyond it on costa and an oblique dark-brown streak from termen at vein 2 to before it below submedian fold. Hindwing white tinged with red-brown, the veins dark red-brown, the terminal area suffused with red-brown except towards tornus; cilia white; the underside white, the costal area irrorated with red-brown, the terminal area suffused with brown to submedian fold.

Hab. Costa Rica, San José, 1 ♂ type. *Exp.* 50 mill.

GENUS *Tetrachela* nov.

Type: *Harpagophana diacrisioides* Roths.

Proboscis aborted and minute; palpi upturned to middle of frons and fringed with hair in front; frons smooth; eyes large, round; antennae of male bipectinate with short fasciculate branches, the apical part ciliated; thorax very thickly clothed with hair and hairlike scales and without crests; fore tarsi with four large curved claw-like spines on 1st joint; abdomen without crests. Forewing with the apex rounded, the termen evenly curved and not crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with

8 to form the areole ; 11 from cell. Hindwing with veins 3, 4 from angle of cell ; 5 obsolescent from middle of discocellulars ; 6, 7 shortly stalked ; 8 anastomosing with the cell near base only.

In key differs from *Cerapoda*, etc., in the proboscis being aborted, and from *Jaxartia* in the palpi being upturned and the eyes large.

2220a. *Metopoce* as *albarracina* n. sp.

♂. Head and basal half of tegulae blackish, the rest of tegulae and thorax grey mixed with brown, the thorax with red-brown mixed ; antennae red-brown ; tarsi dark brown tinged with white ; abdomen dark brown with a reddish tinge ; the ventral surface paler. Forewing grey mixed with red-brown and irrorated with black-brown, the medial area with a broad fuscous black shade ; traces of an oblique waved black antemedial line defined on inner side by grey scales ; orbicular and reniform hardly traceable, with faint pale outlines, the former round ; postmedial line blackish defined on outer side by white, slightly waved, excurved to vein 4, then incurved ; subterminal line indistinct, blackish, curved ; cilia bright rufous. Hindwing dark reddish brown, the cilia rufous. Underside of forewing grey-brown with a reddish tinge, some blackish on costa before middle ; hindwing grey suffused and irrorated with red-brown, a small discoidal spot and traces of ante- and postmedial lines.

Hab. Spain, Albarracin (Sheldon, Lowe), 2 ♂ type. *Exp.* 30 mill.

2225b. *Brachygalea* *albida* n. sp.

♂. Head, thorax, and abdomen white slightly irrorated with red-brown ; antennae tinged with red-brown. Forewing white irrorated with red-brown, the veins of terminal area brownish, a faint oblique red-brown shade from termen below apex to vein 4, traces of dentate subterminal line, and a diffused patch below the extremity of vein 2. Hindwing white, the terminal area irrorated with brown. Underside uniform silvery white.

Hab. Argentina (Giacomelli), 1 ♂ type. *Exp.* 32 mill.

2490a. *Eumichtis* *cypraota* n. sp.

♂. Head and thorax black-brown mixed with white, the patagia with streak formed by black scales near upper edge ; abdomen whitish suffused with red-brown ; tarsi black ringed with white. Forewing white mixed with red-brown and irrorated with black, the medial area strongly suffused with dark reddish brown except towards costa ; subbasal line black defined on outer side by white, waved, from costa to vein 1 ; antemedial line black defined on inner side by white, waved ; orbicular and reniform white defined by black, the former with some dark brown in centre, oblique elliptical, the latter with its centre defined by black scales ; a faint oblique waved dark line from lower angle of cell to inner margin ; postmedial line black defined on outer side by ochreous white, strongly bent outwards below costa, then dentate and strongly incurved below vein 5, some white points beyond it on costa ; subterminal line yellowish white defined on inner side by dentate black marks in the interspaces, slightly waved, excurved below vein 7 and at middle ; a terminal series of black lunules. Hindwing white, the terminal half irrorated with dark brown ; a brown discoidal

spot, sinuous postmedial line and subterminal shade; a terminal series of black striae; the underside irrorated with dark brown except on inner area, the discoidal spot and postmedial line more distinct.

Hab. Cyprus (Bucknill), 1 ♂ type. *Exp.* 34 mill.

2496a. *Eumichtis canariensis* n. sp.

♀. Head and thorax black-brown mixed with grey-white and some pale rufous, the frons with lateral black bars, the tegulae with black line at middle, the patagia with pale line near upper edge; antennae black ringed with white; abdomen dark brown mixed with whitish and with some rufous at sides towards extremity, the crests black; pectus and ventral surface of abdomen rufous mixed with some grey; legs dark brown mixed with whitish, the tarsi black-brown ringed with whitish. Forewing grey-white tinged in parts with brown and irrorated with black-brown, the medial area suffused with dark brown except towards costa and inner margin, the veins streaked with blackish; a sinuous black streak below base of submedian fold; subbasal line double, blackish filled in with whitish, angled outwards below costa and ending at submedian fold; antemedial line double, black filled in with whitish, slightly waved, oblique to below submedian fold, then inwardly oblique; claviform defined by black, a black streak from it to the postmedial line with some rufous above it; orbicular and reniform large, grey-white defined by black and with some brown in centres, the former rather oblique elliptical, the latter with eurved blackish striga in centre, a black point above it on costa; postmedial line black defined on outer side by whitish, bent outwards below costa, then dentate and produced to white points at the veins, oblique below vein 5; a grey-white patch beyond it in submedian interspace and some white points on costa; subterminal line white defined on inner side by rufous and by small dentate black marks in the interspaces, slightly waved, angled outwards at veins 4, 3, then incurved; a terminal series of slight black lunules and fine white line at base of cilia. Hindwing reddish brown, the veins darker; a faint dark discoidal spot; cilia white tinged with rufous and with brown line through them; the hair on inner margin whitish; the underside white irrorated with red-brown, a black discoidal spot and red-brown postmedial line, eurved to vein 3, then incurved.

Hab. Canary Is., Guimar (Walsingham), 1 ♀ type. *Exp.* 46 mill.

2500b. *Xylinissa strigosa* n. sp.

♀. Head and thorax purplish grey mixed with black-brown, the tegulae whitish with black-brown and rufous band near tips; antennae black with some white at base; abdomen grey suffused with dark brown and with some whitish at sides at base; pectus, legs, and ventral surface of abdomen grey-white mixed with black-brown. Forewing purplish grey suffused in parts with brown and thickly striated with black-brown; an indistinct double black-brown antemedial line defined on inner side by whitish at costa; orbicular and reniform purplish grey defined by black and with their centres defined by dark brown, the former round; an indistinct double slightly waved blackish postmedial line, eurved to vein 4, then oblique; an interrupted dark reddish-brown subterminal shade, eurved at middle and incurved towards inner margin; a terminal series of slight black lunules; cilia white mixed with dark brown and

with a white line at base. Hindwing whitish suffused with reddish brown, the veins, inner and terminal areas darker; a faint dark discoidal spot; cilia white with a brown line through them; the underside whitish irrorated with dark brown and with postmedial series of slight dark streaks on the veins.

Hab. Peru, Acopampa (Watkins), 1 ♀ type. *Exp.* 34 mill.

2578a. *Bryomima olivaria* n. sp.

♂. Pale red-brown with some whitish and black scales on basal half of tegulae and on thorax; antennae dark brown, ringed with white towards base; palpi dark brown mixed with white, white at tips; abdomen white irrorated with black, the anal tuft tinged with rufous; pectus white with some pale red-brown mixed; tarsi black ringed with white. Forewing reddish brown irrorated with black-brown and greenish white, the terminal area whiter; a slight greenish white subbasal spot on costa and small white spot below the cell; antemedial line brown defined on each side by greenish white, slightly dentate; orbicular and reniform greenish white defined by blackish, the former minute, round, the latter small and with blackish striga in centre; postmedial line blackish defined on inner side by greenish white, forming two small black spots at costa with a white spot between them, bent outwards below costa, then slightly dentate, excurved to vein 4, then incurved, some white points beyond it on costa; subterminal line white defined on inner side by black, slightly dentate, incurved at discal and submedian folds; a terminal series of small black spots; cilia white mixed with blackish at base and with series of small blackish spots at tips. Hindwing white, the veins and terminal area suffused with dark brown; a small dark discoidal spot; cilia white with a blackish line at middle; the underside with the costal area tinged with reddish ochreous and irrorated with a few dark-brown scales, the terminal area irrorated with blackish to submedian fold, a small black discoidal spot and postmedial points on veins 7 to 2.

Hab. Mexico, Guerrero, Hidalgo (Mann and Skewes), 1 ♂ type. *Exp.* 34 mill.

Zenobianae.

The genus *Zenobia* Oken, 1815, type *oo*, is the oldest in the subfamily.

2797a. *Stenopterygia rufitincta* n. sp.

Fore femora and tibiae with fringes of very long hair and scales on outer side.

♂. Head, thorax, and abdomen pale rufous mixed with some whitish; antennae tinged with brown; palpi, pectus in front, and forelegs rufous, the rest of pectus, mid and hind legs, and fringes of long hair and scales from fore femora and tibiae, and the ventral surface of abdomen pale rufous and whitish. Forewing pale rufous mixed with some red-brown and slightly irrorated with blue-white scales; some darker scales below base of costa and cell; traces of a double antemedial series of small red-brown spots; some darker scales below and in and beyond end of cell; traces of a red-brown postmedial line, excurved to vein 4, then oblique; an indistinct red-brown subterminal line, diffused on costal half and incurved below vein 3. Hindwing whitish tinged with rufous; the underside with indistinct curved rufous postmedial line.

Hab. Borneo, Sandakan (Pryer), 1 ♂ type. *Exp.* 34 mill.

2876a. *Trachea lobisemastis* n. sp.

Hindwing in both sexes with the costa strongly lobed towards base.

Head and thorax dark red-brown mixed with some rufous and whitish, the head and base of tegulae mostly rufous and whitish; antennae dark brown; palpi whitish in front; abdomen brown tinged with grey, the crests and anal tuft dark brown at tips; pectus and legs whitish tinged with red-brown, the forelegs red-brown, the tarsi dark brown with pale rings. Forewing red-brown mixed with grey-white especially in, below, and beyond the cell and on inner area; a black-brown streak below base of cell ending in a small wedge-shaped mark; an indistinct oblique dark subbasal striga from costa; antemedial line indistinct, dark, oblique, and slightly waved to vein 1, then bent inwards to inner margin with a curved black-brown mark above it; claviform tinged with rufous and defined by black-brown, a dark brown fascia from its lower edge to the subterminal line; orbicular and reniform large, grey-white tinged with red-brown and defined by dark brown except the outer edge of the latter, the former oblique elliptical, a triangular patch suffused with dark red-brown between them from costa; postmedial line slight, dark brown, bent outwards below costa, then dentate, oblique below vein 5, some whitish points beyond it on costa; traces of a pale waved subterminal line; the interspaces of terminal area with dark brown streaks between vein 4 and submedian fold. Hindwing red-brown, the inner area pale; the underside whitish suffused with red-brown on costal half, tinged with red-brown on inner half.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♂, 1 ♀ type. *Exp.* 34 mill.

2919a. *Trachea euryseia* n. sp.

♀. Head, thorax, and abdomen whitish suffused with red-brown and irrorated with black; antennae dark brown. Tarsi dark brown ringed with whitish. Forewing whitish tinged with olive-green and with red-brown except on terminal area, and irrorated with dark brown; an indistinct double blackish subbasal line from costa to vein 1; a whitish patch tinged with rufous beyond it in submedian fold; antemedial line black-brown, obliquely curved, a broad black-brown shade beyond it in submedian interspace to the postmedial line; orbicular white tinged with rufous, incompletely defined by black and with some dark brown in centre, round; reniform whitish defined at sides by black-brown and with some brown in lower part, quadrate, a black-brown patch beyond it; postmedial line black-brown, bent outwards below costa, then slightly waved, excurved to vein 4, then incurved, some whitish points with dark brown between them beyond it on costa and a dark brown patch before the indistinct whitish subterminal line, excurved below vein 7 and at middle; a terminal series of black-brown striae; cilia red-brown with obscure whitish spots at base. Hindwing cupreous red-brown; cilia white mixed with red-brown; the underside white irrorated with red-brown, the terminal area suffused with red-brown, a brown discoidal spot, indistinct waved postmedial line and faint subterminal shade.

Hab. Gold Coast, Kumasi (Sanders), 1 ♀ type. *Exp.* 28 mill.

2949a. *Trachea perfumosa* n. sp.

Trachea fumeola Hmps., *Cat. Lep. Phal. B.M.* vii. p. 186. pl. 112. f. 23. ♀ nec ♂. Male in Coll. Wolley-Dod.

U.S.A., California (Walsingham), 1 ♀ type, Gilroy Hot Springs, 2 ♀. *Exp.* 36 mill.

3006d. *Euplexia argyrosemastis* n. sp.

♀. Head and tegulae red-brown mixed with white, the latter with some silvery scales at tips; thorax red-brown, the patagia with some white scales at base, silvery scales near upper edge and golden cupreous patch at middle; antennae dark brown, ringed with whitish towards base, the basal joint white in front; frons with lateral white spots below; palpi red-brown, with white point at extremity of 1st joint and the extremities of 2nd and 3rd joints white; abdomen red-brown with some whitish at sides towards base; pectus white and red-brown; legs red-brown, the tibiae and tarsi banded with white. Forewing red-brown glossed with golden cupreous and slightly irrorated with whitish; a white subbasal point on costa, silvery scales below costa and bar to vein 1 with a point before it; antemedial line dark brown with white point at costa, silvery spot before it below costa, triangular spot in submedian interspace and small spot at inner margin with elongate mark well before it, slightly excurved below costa and bent outwards above inner margin; claviform silvery, large, a silvery mark below it on inner margin and another beyond it in submedian fold; orbicular and reniform silvery defined by dark brown, the former rather oblique elliptical, the latter with curved brownish striga on inner side of centre; an oblique brownish line from lower angle of cell to inner margin; postmedial line dark brown with white point at costa, bent outwards and with silvery marks on it below costa, then dentate, with silvery spot on its outer side below vein 5, patch at submedian interspace and spots before and beyond it at inner margin, oblique below vein 4, some white points, beyond it on costa; a subterminal series of small silvery spots, excurved below vein 7 and at middle, and with erect bar from vein 2 to tornus; a terminal series of dark-brown spots; cilia with white line at base and some white at tips. Hindwing white, the veins beyond the cell brownish; a brownish discoidal bar; a slight postmedial line, excurved at vein 4, then oblique; the apical area suffused with red-brown and a faint diffused subterminal line to vein 2; a red-brown terminal line to below vein 2, and red-brown line through the cilia to vein 2; the underside with the costal area suffused and irrorated with red-brown except towards base, a small discoidal spot and diffused patch above it, the postmedial line distinct, waved to vein 3, the subterminal line dentate to vein 5.

Hab. Dutch N. Guinea, Mt. Goliath (Meek), 1 ♀ type. *Exp.* 40 mill.

3119a. *Perigea niphostieta* n. sp.

♂. Head and thorax red-brown with some white and black scales, the dorsum of thorax with all the scales tipped with white; basal joint of antennae white; frons with white spots at sides; palpi mostly black, the extremities of the joints white; abdomen red-brown mixed with grey and with slight dark segmental lines, the tips of crests white; pectus whitish tinged with red-brown; tarsi black, the extremities of tibiae and the tarsal joints ringed with white

Forewing pale cupreous brown slightly irrorated with blackish; a small white subbasal spot on costa and group of spots between subcostal nervure and vein 1 defined by blackish; an antemedial series of small white spots defined by blackish from costa to submedian fold with two spots below the costa, and a slight blackish line from submedian fold, angled outwards above inner margin; claviform blackish; orbicular with white spot at centre surrounded by six small white spots defined by blackish; reniform with group of small white spots in centre surrounded by white spots defined by blackish, extending to below the cell, small white spots beyond it, above and below vein 6; postmedial line black with small white spots on it to above vein 4, strongly bent outwards below costa, then dentate and produced to white and black points on the veins, oblique below vein 4, some white points beyond it on costa; a subterminal series of small dentate black marks in the interspaces defined on outer side by small white spots; a series of small white spots defined by black before termen; cilia with series of small white spots at base and tips. Hindwing brown, the cell and interspaces just beyond it whitish, the veins beyond the cell blackish, the terminal area fuscous except towards tornus; cilia white with a brown line through them; the underside white, the costal area and terminal area to submedian fold tinged with ochreous and irrorated with blackish, a small black discoidal spot and postmedial line from costa to vein 3.

Hab. Venezuela, Esteban Valley, Las Quiguas (Klages), 1 ♂ type. *Exp.* 34 mill.

3290a. *Ecbolema singalesia* n. sp.

Antennae of male bipectinate with long branches.

♂. Head and tegulae white tinged with ochreous and red-brown, the latter with blackish line near tips and blackish scales at tips; thorax white mixed with some red-brown and black-brown; antennae black-brown; frons black at sides; palpi black mixed with white; abdomen ochreous white tinged with dark brown; pectus and legs ochreous white tinged with brown, the tarsi black ringed with whitish. Forewing white tinged with rufous, slightly on basal area and on costa to middle, and irrorated with black; small subbasal and antemedial black spots on costa; a black line arising from median nervure at origin of vein 2, oblique to vein 1, where it is angled inwards, excurved above inner margin, a black streak from it at submedian fold to the postmedial line; the medial area below submedian fold more strongly tinged with rufous and irrorated with black; a diffused black spot in end of cell almost confluent with a discoidal spot; postmedial line black, with a small spot at costa, then indistinct to vein 3, but outwards below costa, then dentate, incurved below vein 3 and angled inwards at submedian fold to the streak from the antemedial line; subterminal line represented by dentate black marks in the interspaces defined on outer side by white, angled inwards at submedian fold; a terminal series of small blackish marks; cilia chequered white tinged with rufous and blackish. Hindwing white, the veins brownish, the inner area tinged with ochreous; a faint brownish ochreous subterminal shade and some brownish ochreous on termen to vein 2; cilia ochreous white; the underside white, the costal area tinged with ochreous, a minute brown discoidal spot.

Hab. Ceylon, Kandy (Maekwood), 1 ♂ type. *Exp.* 34 mill.

3365*b*. *Cordylepalpa ferruginea* n. sp.

♀. Head, thorax, and abdomen ferruginous red slightly mixed with whitish, the patagia with a few black scales towards upper edge; antennae black-brown except towards base; sides of frons and the 2nd joint of palpi except in front black-brown; tarsi dark brown ringed with whitish. Forewing ferruginous red mixed with some whitish; the black-brown subbasal point below costa and two below the cell with a black-brown streak from just beyond them in submedian fold to the antemedial line, and an elongate black-brown mark above inner margin; antemedial line double, black-brown, the two lines widely separated, the inner represented by an oblique striga in the cell and a line from submedian fold to above inner margin, angled inwards at vein 1, the outer arising at subcostal nervure, oblique to submedian fold, then indistinct and sinuous; the medial area deep rufous from subcostal nervure to vein 1; orbicular and reniform whitish tinged with rufous and defined by black-brown except below, where they are conjoined by a fascia on median nervure, the former oblique-elliptical with an oblique black-brown striga defined on inner side by whitish above it at costa; postmedial line black-brown, arising at vein 7, then obliquely excurved to vein 4, then touching the lower extremity of the reniform, oblique and sinuous and ending at vein 1, some whitish points beyond it on costa; a broad deeper ferruginous shade before the subterminal line, which is black-brown defined on outer side by white, slightly excurved below vein 7 and dentate at veins 4, 3, 2; the veins defined on each side by whitish marks towards tornus; cilia ferruginous red intersected by whitish at the vein. Hindwing ferruginous red with a pinkish tinge; a slight curved brown postmedial line between veins 6 and 2; cilia with some whitish; the underside with the disk whitish, a dark brown discoidal spot, a curved dark brown postmedial line, somewhat angled inwards below vein 2.

Hab. Dutch N. Guinea, Mt. Goliath (Meek), 1 ♂ type. *Exp.* 46 mill.

3365*c*. *Cordylepalpa calochroa* n. sp.

♀. Head and thorax bright ferruginous red mixed with some whitish, the patagia with a curved deeper ferruginous streak at middle; antennae dark brown except towards base; sides of frons and 2nd joint of palpi with some black-brown; abdomen pale ferruginous red; tarsi brown ringed with whitish. Forewing bright ferruginous red mixed with some whitish, the veins with whitish streaks; subbasal line double filled in with whitish, the inner line black, the outer brown, waved, from costa to submedian fold, a small black spot below it at vein 1; antemedial line double, the lines widely separated, whitish, the outer line defined on outer side by black, angled outwards below costa, then oblique, waved; orbicular and reniform with whitish annuli defined at side by black-brown, rather narrow, the former oblique with sinuous edges, the latter slightly angled inwards at median nervure; postmedial line double, the lines widely separated, whitish, the inner defined on inner side by black-brown, bent outwards below costa, then slightly waved, oblique below vein 4 and touching the antemedial line at inner margin, some small white spots beyond it on costa; subterminal line white, excurved below vein 7, defined on inner side by dark brown between veins 7 and 4, then angled outwards at veins 4, 3, 2 and slightly

defined on outer side by dark brown, a whitish band beyond it; cilia ferruginous intersected by whitish at the veins. Hindwing pale ferruginous red with a pinkish tinge, the cilia whitish at tips; the underside whitish tinged with salmon-pink, a short dark-brown fascia in middle of cell and discoidal spot, a curved pale-red postmedial line.

Hab. **Dutch N. Guinea**, Mt. Goliath (Meek), 1 ♀ type. *Exp.* 42 mill.

3417a. *Eriopus albivitta* n. sp.

♀. Head and thorax rufous mixed with some white and dark brown; abdomen whitish suffused with brown, the crest on 3rd segment tipped with black; pectus and ventral surface of abdomen whitish tinged with brown, the legs suffused with rufous, the tarsi dark brown ringed with white. Forewing red-brown, mixed with some grey-white on basal half and irrorated with blackish; subbasal line black, incurved, from costa to vein 1, a short black streak beyond it below costa and wedge-shaped white mark below submedian fold; antemedial line blackish, waved; traces of an elliptical reniform with whitish annulus and its centre defined by dark brown; postmedial line double, blackish filled in with whitish, strongly bent outwards below costa, then sinuous, incurved below vein 4, some white points beyond it on costa; a dark brown patch from costa to vein 6 before the subterminal line, which is white to vein 5, angled inwards at discal fold, below vein 5 double, dark, slightly waved, incurved at submedian fold and with slight white marks on it below veins 3 and 2, a white patch irrorated with red-brown beyond it on apical area and an oblique white streak from it at vein 5 to termen at vein 4; a series of white striae defined on each side by black-brown before termen to vein 4 and white points defined by black-brown below veins 4, 3, 2; cilia with a fine whitish line at base and intersected by white at veins 7 and 4. Hindwing greyish suffused with brown, the costal area whiter; cilia white mixed with red-brown; the underside white irrorated with red-brown, a dark discoidal spot and crenulate postmedial line.

Hab. **Cape Colony**, Tole R. (Miss F. Barrett), 1 ♀ type. *Exp.* 34 mill.

3417b. *Eriopus nigeriensis* n. sp.

♂. Head and thorax dark red-brown mixed with pale rufous and some whitish; antennae dark brown; frons with black points at sides; abdomen red-brown tinged with grey, the crests dark brown and rufous, the ventral surface white at base, then pale rufous irrorated with black-brown. Forewing dark red-brown mixed with rufous and grey, the area beyond the postmedial line chocolate-brown tinged with grey; oblique whitish subbasal bars from costa and cell slightly defined on each side by black; antemedial line white defined on each side by black, the black on its inner side forming patches in the cell and below submedian fold, the latter with an oblique whitish bar before it, slightly bent inwards at subcostal nervure, then oblique to vein 1 and inwardly oblique to inner margin, an oblique band of rufous suffusion beyond it from subcostal nervure to vein 1; orbicular rather V-shaped, pale rufous defined by some black scales and with dark centre, its outer edge connected by a U-shaped black mark with the inner edge of the reniform, the annulus of which is represented by white points defined by black, its upper and lower extremities produced and with some rufous beyond the latter; postmedial line white defined

on each side by black, slightly angled inwards below costa, then strongly bent outwards, then defined on inner side by small black spots, slightly sinuous, incurved below vein 4, some white points beyond it on costa; subterminal line white to vein 4, slightly angled outwards at veins 7, 6 and inwards at discal fold, a dentate pale rufous mark, before it at vein 6, below vein 4 represented by some pale rufous scales on diffused black-brown, a white patch irrorated with red-brown beyond it at apex and an oblique white streak from it at vein 5 to termen at vein 4; a terminal series of black spots defined on inner side by white lunules; cilia intersected with white at vein 4 and chequered with white at tips. Hindwing cupreous red-brown, the cilia whitish tinged with rufous and with brown line at middle; the underside grey-white irrorated with dark brown, a black-brown discoidal bar and postmedial line bent outwards below costa, crenulate to vein 3, then incurved.

♀. Forewing darker and with less rufous, the lower extremity of the reniform filled in by an oblique white spot.

Hab. S. Nigeria, Warri Distr. (Claydon), 1 ♂ type, Yaba (Macfie), 1 ♀. *Exp.* 30-34 mill.

3417c. *Eriopus semicircularis* n. sp.

♀. Head and thorax red-brown slightly mixed with whitish; antennae dark brown; palpi dark brown mixed with whitish; abdomen dark brown mixed with grey-white; pectus and ventral surface of abdomen white tinged with rufous; legs red-brown mixed with whitish, the tarsi darker brown ringed with white. Forewing dark reddish brown tinged with grey especially on basal, inner and terminal areas; an oblique white subbasal striga across the cell; antemedial line white slightly defined on each side by black-brown, incurved in the cell, then oblique; orbicular very narrow, black-brown defined by white except above, V-shaped and constricted at middle, the white on its outer edge connected by a curved streak with the white on the inner edge of the reniform, forming a semicircular mark; the reniform represented by an oblique black bar defined on inner side by white and with narrow elliptical whitish annulus beyond it; a white striga beyond lower angle of cell; postmedial line with white bar above end of cell, strongly bent outward and almost obsolete below costa, then triple, dark brown filled in with whitish and incurved below vein 4, some white points beyond it on costa; subterminal line represented by the contrast between the postmedial and greyer terminal area, slightly waved; a fine whitish line before termen, broken up into striae below vein 4, the termen dark red-brown; a fine whitish line at base of cilia. Hindwing dark brown with a cupreous gloss; cilia with a whitish line at base followed by a dark line, the tips white; the underside white irrorated with dark-brown, the terminal area suffused with dark brown, a dark discoidal bar and postmedial line defined on outer side by white, slightly waved, excurved below costa, incurved at discal fold and oblique below vein 4.

Hab. Christmas I. (Andrewes), 1 ♀ type. *Exp.* 36 mill.

3446a. *Eriopus argyrosemastis* n. sp.

Forewing with the costa somewhat excised at middle, the termen excised below apex and excurved at middle, then oblique, the inner margin strongly lobed near base, then excised.

♀. Head and thorax bright rufous, the tegulae with some whitish scales at tips; antennae dark brown with pale rings; lower part of frons with some white; palpi white at extreme tips; abdomen white suffused with pale reddish brown, the crests deep red-brown; pectus, legs towards base, hind tibiae, and ventral surface of abdomen white, the tarsi chocolate-brown ringed with white. Forewing bright rufous, the costal area irrorated with white to end of cell, some white at base of inner margin; a silvery white subbasal striga from costa, point farther from base in the cell and wedge-shaped mark from submedian fold to above inner margin with short streak before it on vein 1; an oblique white antemedial striga from costa defined on each side by red-brown, and fine blackish line from cell to inner margin; orbicular a minute silvery white annulus defined by dark brown and with golden cuprous centre; reniform an oblique orange-yellow bar defined on inner side by a sinuous silvery white bar and on outer by a point at upper extremity, striga at middle and spot at lower extremity; postmedial line represented by a white bar from costa above end of cell defined on each side by brown, strongly bent outwards and almost obsolete below costa, then represented by minute black-brown lunules slightly defined on outer side by white and with diffused greyish band beyond it, oblique below vein 4, some white points beyond it on costa; subterminal line white defined on inner side by slight black spots and with some white suffusion beyond it, incurved to below vein 7, then indistinct, red-brown with some darker brown scales on it and oblique; a series of white points before termen to submedian fold. Hindwing with the basal half white tinged with red-brown and with the veins red-brown towards the postmedial brown line, which is indistinct, curved, incurved at vein 2; the rest of wing red-brown tinged with grey; cilia white; the underside with the costal area irrorated with red-brown to near base.

Hab. Fiji, 1 ♀ type. *Exp.* 30 mill.

GENUS *Goniotermasia* nov.

Type: *Perciana bistrigata* B. Baker.

Proboscis fully developed; palpi upturned, the 2nd joint reaching to vertex of head and strongly fringed with hair behind towards extremity, the 3rd short and thickly scaled; frons smooth, with pointed tuft of hair; eyes large, round; antennae of male ciliated; thorax clothed chiefly with scales, the pro- and meta-thorax with spreading crests; build slender; tibiae slightly fringed with hair; abdomen with large dorsal crest on basal segment only and slight lateral tufts of hair towards extremity. Forewing with the apex somewhat produced and acute, the termen excised below apex and excurved at middle, not crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hindwing with veins 3, 4 from angle of cell; 5 obsolescent from middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Gonodes* in the palpi having the 2nd joint strongly fringed with hair behind towards extremity.

3462a. *Goniotermasia centrimacula* n. sp.

♂. Head and thorax deep rufous; antennae dark brown ringed with whitish; palpi irrorated with whitish; abdomen fuscous brown tinged with grey,

the basal crest and anal tuft rufous; pectus, legs, and ventral surface of abdomen rufous mixed with whitish, the tarsi red-brown. Forewing rufous with a silvery grey gloss; some grey at base of inner margin, a curved red-brown subbasal striga from costa, small wedge-shaped leaden grey patch below submedian fold farther from the base and with a small dark-brown mark beyond it; ante-medial line red-brown defined on inner side by greyish, slightly excurved below costa and cell; an oblong black spot in lower part of cell before the reniform, which has a white bar defined on each side by dark brown on its inner side, its outer edge defined by white and black points, its lower extremity produced; an oblique red-brown shade from lower angle of cell to inner margin at the ante-medial line; postmedial line pale and almost obsolete towards costa, where it is slightly angled inwards below costa, then bent outwards, then dark brown with some brown suffusion before and beyond it beyond the cell, oblique below vein 4 and excurved at vein 1, some white points with red-brown between them beyond it on costa; an indistinct rufous subterminal band defined on each side by rather diffused brown, excurved at middle and incurved above and below middle; an incurved white line defined on outer side by dark brown before termen from below apex to vein 4, white striae defined on outer side by dark brown below veins 4, 3, and a small curved white mark defined on outer side by dark brown at submedian fold. Hindwing fuscous brown tinged with grey; cilia white tinged with red-brown at base; the underside white irrorated with dark brown, the costal area and terminal area to vein 3 suffused with rufous, a blackish discoidal spot, a dark postmedial line, waved to vein 2, then oblique, a subterminal series of brown points to vein 2 and diffused mark below vein 2, and a terminal series of slight dark lunules and striae.

Hab. Venezuela, Esteban Valley, Las Quiguas (Klages), 1 ♂ type. *Exp.* 28 mill.

GENUS *Conicochyta* nov.

Type: *Chyltonix olivacea* Wileman.

Proboscis fully developed, palpi upturned, the 2nd joint reaching to middle of frons and moderately scaled in front, the 3rd moderate; frons with pointed conical prominence and ridge of scales above; eyes large, round; antennae of male ciliated; thorax clothed with hair and scales mixed, the pro- and meta-thorax with spreading crests; tibiae moderately fringed with hair; abdomen with dorsal series of crests; the crest on 4th segment very large. Forewing with the apex rounded, the termen evenly curved and slightly crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hindwing with veins 3, 4 from angle of cell; 5 obsolescent from just below middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Coenotoca* in the abdomen having a large crest on 4th segment.

3476a. *Chytonix leucosema* n. sp.

Fore femora of male with thick fringe of long scales; abdomen with large ventral tufts of long hair from base.

♂. Head and thorax white tinged with buff, the tegulae buff-yellow; antennae dark brown, ringed with whitish towards base; frons with black bars

at sides, palpi black mixed with some buff, the extremity of 2nd joint and the 3rd joint buff, the latter with black spot at sides; abdomen black-brown mixed with some grey, the basal crest buff-white, the anal tuft rufous, black at extremity; pectus, legs, and ventral surface of abdomen buff, the fore femora fringed with long brown scales, the tarsi suffused with dark brown towards extremities, the base of abdomen with large ventral tufts of fuscous hair tinged with grey followed by subventral series of brown points. Forewing ochreous tinged with rufous and sparsely irrorated with dark brown, the terminal area grey-green to vein 2, the basal area with some creamy white; a waved white subbasal line defined by dark brown scales from costa to vein 1 and a dark brown mark on inner margin; antemedial line buff defined at sides by dark scales, white at costa, waved; an elliptical white discoidal spot; a black-brown medial shade, arising below costa, oblique to lower angle of cell, then erect; postmedial line almost obsolete and oblique to vein 6, then slight, dark, dentate and produced to white points on the veins, incurved below vein 4, some white points beyond it on costa; subterminal line white and incurved towards costa, then represented by white points, angled outwards almost to termen at vein 4, then just before termen; cilia red-brown with some white scales, white at tips from vein 2 to submedian fold. Hindwing dark cupreous brown, the cilia white at tips. Underside of forewing fuscous, the costal area buff, the discoidal spot and a patch at middle of termen white, the subterminal line white and waved, defined on inner side by fuscous on the costal area; hindwing pale buff, the basal half and inner area irrorated with large black-brown scales, a black discoidal bar and dark postmedial line oblique towards costa.

Hab. Venezuela, Esteban Valley, Las Quiguas (Klages), 1 ♂ type. *Exp.* 26 mill.

GENUS *Oedibrya* nov.

Type: *Catamecia cinnamomina* Roths.

Proboscis aborted and small; palpi obliquely upturned, the 2nd joint reaching to about middle of frons and moderately scaled, the 3rd short; frons with rounded prominence with curved corneous plate below it; eyes large, round; antennae of male ciliated; thorax clothed almost entirely with scales; the metathorax with depressed crest; tibiae slightly fringed with hair; abdomen without crests. Forewing with the apex rounded, the termen evenly curved and not crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hindwing with veins 3, 4 from angle of cell; 5 obsolescent from middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Leiometopon* in the palpi being obliquely upturned, the frons with corneous plate below it and the metathorax with depressed crest.

3524a. *Bryophila atrimixta* n. sp.

♂. Head and thorax black mixed with whitish and some rufous; antennae black, ringed with whitish towards base; palpi black with some white in front and at extremities of 2nd and 3rd joints; abdomen white tinged with rufous and irrorated with blackish, the crests and base of anal tuft black; pectus and legs white tinged with rufous and irrorated with blackish, the fore tibiae and tarsi black, the latter ringed with white. Forewing black mixed with some white

and rufous; a black subbasal line from costa to vein 1; antemedial line indistinct, black, curved; orbicular and reniform faintly defined by black, the former oblique with blackish bar in centre; postmedial line black, defined on outer side by white below submedian fold, bent outwards below costa, then strongly excurved to vein 4, then very oblique to submedian fold and excurved above vein 1, some whitish points beyond it on costa and a blackish patch before the subterminal line, which is represented by obscure black marks and some white towards inner margin; a terminal series of black points to vein 2, then striae; a white line at base of cilia. Hindwing white tinged with brown especially towards termen; a dark discoidal bar and faint curved postmedial line from below costa to vein 3; a terminal series of black striae except toward tornus. Underside of forewing whitish suffused with brown, an oblique dark postmedial bar from costa; hindwing white irrorated with blackish, a blackish discoidal spot and faint curved slightly waved postmedial line from costa to vein 4.

Hab. W. China, Trong-ze, 9,600 ft. (Bailey), 1 ♂ type. *Exp.* 26 mill.

3550*b*. *Iambia nigella* n. sp.

Head and thorax fuscous brown mixed with grey; lower part of frons white; palpi black-brown, the extremity of 2nd joint and the 3rd joint except at middle white; abdomen whitish suffused with dark brown, the basal crest black at extremity; pectus, legs, and ventral surface of abdomen white tinged with brown, the forelegs black-brown and whitish, the tarsi black ringed with white. Forewing black-brown suffused with olive-grey; antemedial line double, black, the lines well separated, oblique and slightly waved, angled inwards at vein 1, a rather paler oblique shade beyond it with dark shade beyond it; orbicular and reniform faintly defined by black and with black points in centres, the latter constricted at middle; postmedial line indistinct, double, black, the lines well separated, bent outwards below costa, then the inner line slightly waved and the outer minutely dentate, slightly incurved at discal fold and incurved below vein 4, some white points beyond it on costa; a brownish white subterminal line, excurved below vein 7 and at middle; cilia brownish white mixed with black and with blackish line at middle. Hindwing whitish suffused with reddish brown, the cilia whiter with a brown line near base; the underside whitish tinged with red-brown, the costal area slightly irrorated with brown, a slight blackish discoidal lunule and dark postmedial line, waved to vein 4, then oblique.

Ab. 1. Forewing with the oblique shade beyond the antemedial line white irrorated with brown.

Hab. C. China, Hupeh Prov. Lui-shin-Tze (Betton), 1 ♂, 6 ♀ type. *Exp.* 24 mill.

3552*b*. *Iambiodes nyctostola* n. sp.

Head, thorax, and abdomen dark brown mixed with grey-white; antennae black-brown; frons with black bars at sides; palpi black-brown, the extremities of 2nd and 3rd joints grey-white; pectus, legs, and ventral surface of abdomen white tinged with brown, the fore and mid tibiae and tarsi banded black and white. Forewing white mixed with brown and black, the costa with series of black-brown marks with white between them; antemedial line

indistinctly double, blackish, oblique, excurved in the interspaces and angled inwards at the veins; orbicular and reniform very indistinctly defined by black marks on their edges, small; postmedial line very indistinct, whitish, curved, a blackish patch beyond it on costal area defined on outer side by a white line and with white points at costa, with a white patch below it and subterminal white patches above and below vein 5; a terminal series of minute black spots; cilia dark brown with a white line at base. Hindwing grey-brown, the veins darker; cilia with white line at base followed by a dark line, the tips brown and white; the underside white tinged with brown and irrorated with dark brown.

Hab. **Br. C. Africa**, Mt. Mlanje (Neave), 1 ♂, 1 ♀ type. *Exp.* ♂ 20, ♀ 24 mill.

3579a. *Neophaenis lichenea* n. sp.

♀. Head and thorax white tinged with yellow-green, the tegulae with a few brown scales dorsally, the prothoracic crest brown; antennae brown; frons with lateral black bars; palpi black and white; abdomen yellowish, dorsally tinged with brown, the crests on 2nd and 3rd segments with black mixed; pectus and legs white, the fore tibiae and the tarsi banded with black, the hind tibiae and tarsi tinged with yellow. Forewing white suffused with yellow-green, the area below discal fold from the antemedial to the subterminal line and just before the latter to costa dark brown tinged with grey; a black streak on base of vein 1, its extremity expanding into a small spot above the vein; a subbasal black point followed by a small spot on costa; antemedial line with black bar from costa and small spot in the cell, then a slight waved line, followed by another blackish line, strongly bent outwards at discal fold and oblique and sinuous below the cell; reniform very large, extending to well below the cell, its outer edge waved, its centre defined on inner side by black, its inner edge concave towards base, an oblique slightly waved dark line from it to inner margin; postmedial line with two black bars from costa above end of cell, strongly bent outwards and obsolete below costa, then black and slightly waved, double below discal fold, excurved to vein 4, then incurved, the costa beyond it with alternating black and white streaks, a black streak from it to termen at discal fold; subterminal line dark brown defining the dark area, slightly waved, excurved below vein 7, angled inwards at discal fold, and bent inwards at vein 2, its outer edge slightly defined by white with dark streaks on the extremities of the veins to vein 3; some brown suffusion below apex; a lunulate black terminal line to above vein 2; cilia brown to vein 2 intersected by white at the veins. Hindwing golden yellow with black-brown terminal patch from costa to vein 3, very broad at costa; a black terminal line to vein 2 and some black scales at extremity of vein 1; cilia white chequered with dark brown towards apex and at vein 3. Underside golden yellow; forewing with the terminal half brown, its inner edge bent inwards in the cell and outwards below submedian fold to towards termen; the terminal half of costa with alternating black and white marks with ochreous below them, the termen with some white at middle, cilia chequered brown and white to vein 2; hindwing with slight brown mark at middle of costa.

Hab. **Venezuela**, Esteban Valley, Las Quiguas (Klages), 1 ♀ type. *Exp.* 44 mill.

GENUS *Libyphaenis* nov.Type: *L. virescens*.

Proboscis fully developed ; palpi upturned, the 2nd joint reaching to vertex of head and moderately scaled in front, the 3rd as long as the 2nd ; frons with rounded prominence ; eyes large, round ; antennae of male with fasciculate cilia ; thorax clothed almost entirely with scales, the metathorax with depressed crest ; tibiae moderately fringed with hair ; abdomen with dorsal series of crests. Forewing with the apex rounded, the termen evenly curved and not erenulate ; veins 3 and 5 from near angle of cell ; 6, 7 from cell ; 8, 9, 10 stalked ; 11 from cell ; the male with slight groove below stalk of veins 8, 9, 10 and slight swelling above it below the costa. Hindwing with the cell rather short ; veins 3, 4 from angle ; 5 obsolescent from middle of discocellulars ; 6, 7 from upper angle ; 8 anastomosing with the cell near base only.

In key differs from *Leucosigma*, etc., in the frons having a rounded prominence.

3578a. *Libyphaenis virescens* n. sp.

♂. Head and thorax sap-green mixed with dark brown ; antennae black-brown ; palpi whitish and black, the basal joint ochreous white with two black points at extremity, the tip of 3rd joint white ; abdomen dark brown tinged with grey, the crests and anal tuft brownish white ; pectus, legs, and ventral surface of abdomen ochreous white, the tibiae and tarsi banded dark brown and white, the abdomen with blackish segmental lines towards extremity. Forewing sap-green tinged with grey and irrorated with black-brown, the veins of terminal area with dark streaks ; a punctiform blackish subbasal line from costa to submedian fold ; a faint oblique sinuous brown antemedial line ; a black-brown bar from middle of costa connected with a small spot in the cell, then a sinuous shade to above inner margin ; a broad black-brown shade beyond the cell from costa to vein 4, with the double minutely waved blackish postmedial line filled in with green near its outer edge, oblique to vein 4 and incurved below vein 2, some white points with black-brown between them beyond it on costa ; subterminal line indicated by a black-brown shade before it to vein 6 and some diffused brown beyond it, then a black-brown spot beyond it at middle, small spots below veins 4 and 3 and a shade below vein 2 ; a terminal series of black bars ; cilia brown and whitish. Hindwing dark brown with a greyish tinge ; cilia fuscous with a fine whitish line at base and some white at tips. Underside of forewing fuscous brown, the costal area ochreous whitish towards base and with two marks at middle followed by white points ; hindwing white irrorated with red-brown, a small black discoidal lunule and dark mark below the cell, a double waved postmedial line, oblique towards costa, the inner line black-brown and rather maculate, forming a spot below vein 3, the outer slight and red-brown, the veins of terminal area streaked with brown, with dark marks on termen towards apex and a subterminal shade below discal fold, a fine dark terminal line.

Hab. S. Nigeria, Yaba (Macfie), 1 ♂ type. *Exp.* 30 mill.

3659a. *Acronycta luteola* n. sp.

♀. Head and thorax ochreous brown mixed with whitish, the head with some darker brown ; antennae black-brown mixed with white ; abdomen whitish

suffused with ochreous brown; pectus, legs, and ventral surface of abdomen ochreous brown and white. Forewing ochreous brown mixed with white; two oblique dark subbasal striae from costa; a sinuous black streak in submedian fold to just beyond the antemedial line, which is dark with two reddish-brown marks at costa, then indistinct and waved; orbicular a small blackish annulus; reniform diffused red-brown with some black scales on its edges, connected with a red-brown mark on costa; postmedial line with two reddish brown spots at costa, then blackish defined on inner side by white, bent outwards below costa, then slightly dentate, incurved below vein 3, the costal area beyond it reddish brown with three white points at costa; subterminal line rather diffused white defined on outer side by diffused red-brown, especially at veins 5 and 2 where the line is incurved; a terminal series of small black lunules; cilia indistinctly chequered with dark brown. Hindwing white tinged with ochreous yellow, the terminal area suffused with brownish ochreous to submedian fold; a terminal series of minute dark spots to vein 2; cilia white, mixed with brownish ochreous to vein 2. Underside of forewing ochreous tinged with red-brown, the inner area whitish, the postmedial line whitish, incurved below vein 4; hindwing white, the costal and terminal areas irrorated with brownish ochreous, a minute brown discoidal spot.

Hab. Assam, Silhet Distr., Chatak (Ewing), 1 ♀ type. Exp. 48 mill.

GENUS *Pseudomecia* nov.

Type: *Hypomecia lithoxylea* Bang-Haas.

Proboscis fully developed; palpi obliquely upturned, the 2nd joint reaching to about middle of frons and moderately scaled, the 3rd short; frons with slight truncate prominence roughened in front; eyes large, round; antennae of male bipectinate with moderate branches to apex; thorax clothed with hair and hair-like scales, the metathorax with depressed crest; fore tibiae with curved claw-like spines on outer side of 1st joint; abdomen without crests. Forewing with the apex rounded, the termen evenly curved and not erenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hindwing with veins 3, 4 from angle of cell; 5 obsolescent from just below middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Omphalcis* in the thorax being clothed with hair and hair-like scales, the metathorax with spreading crest.

GENUS *Anthodes* nov.

Type: *Anthodes acynodonta* Dogn.

Proboscis fully developed; palpi obliquely upturned, the 2nd joint reaching to about vertex of head and rather broadly scaled, the 3rd long; frons smooth, with large tuft of scales and with ridge of scales above; eyes large, round; antennae of female ciliated; thorax clothed almost entirely with scales, the prothorax with large oblique flattened crest, the metathorax with large crest, tibiae slightly fringed with hair; abdomen with dorsal series of crests, the crests on 2nd and 3rd segments very large. Forewing with the apex rounded, the termen evenly curved, the termen and cilia strongly crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing

with 8 to form the areole; 11 from cell; Hindwing with veins 3, 4 from angle of cell; 5 obsolescent from below middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only; male with a wedge-shaped patch of fuscous androconia on extremity of vein 6.

In key differs from *Ogdocoonta* in the palpi having the 3rd joint long, the abdomen with large crests on 2nd and 3rd segments.

3913c. *Amphidrina pseudagrotis* n. sp.

♂. Head and thorax white mixed with some red-brown and blackish; antennae black-brown; abdomen white slightly tinged with red-brown except towards base; pectus, legs, and ventral surface of abdomen white tinged with red-brown, the legs browner. Forewing red-brown mixed with some white especially on basal area, the costal area black and white mixed, the veins of terminal half finely streaked with black; antemedial line blackish, dentate, very indistinct to submedian fold where it is angled outwards to the postmedial line and very acutely angled outwards above inner margin; orbicular and reniform defined by black, the former round and placed towards end of cell, the latter with its centre slightly defined by brown; postmedial line fine, black, bent outwards below costa, then dentate, oblique below vein 4, some white points beyond it on costa and the interspaces with fine black streaks; a fine black terminal line; cilia white tinged with rufous and mixed with black. Hindwing semihyaline white. Underside white, the costal area of both wings irrorated with dark brown.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♂ type. *Exp.* 40 mill.

3982a. *Athetis mozambica* n. sp.

Head and tegulae white slightly mixed with red-brown, the rest of thorax brown mixed with white; antennae blackish ringed with white; palpi black, the 2nd joint in front and at extremity and the 3rd joint white; abdomen white suffused with ochreous brown and irrorated with blackish; pectus, legs, and ventral surface of abdomen white mixed with some brown, the forelegs and mid and hind tibiae with blackish mixed, the tarsi black ringed with white. Forewing white tinged with red-brown and irrorated with blackish, the costal area whiter to the postmedial line; a slight sinuous black subbasal line from costa to submedian fold with a point beyond it in the cell; antemedial line slight, black defined on inner side by whitish, oblique and slightly waved; orbicular a small round blackish spot; reniform indistinctly defined by black scales and white points with a small white spot at middle of outer edge; a faint rather diffused dark medial line, excurved to median nervure; postmedial line double, punctiform, black, bent outwards below costa and oblique below vein 4, subterminal line whitish defined on inner side by dark-brown suffusion, excurved below vein 7 and at middle; the termen suffused with red-brown; a terminal series of black points defined on inner side by white; cilia dark reddish brown with an ochreous line at base. Hindwing white faintly tinged with reddish brown, the veins and terminal area browner; a fine dark terminal line; cilia reddish brown with a fine white line at base and white tips except towards apex; the

underside white, the costal area and terminal area to vein 2 irrorated with red-brown, a small brown discoidal spot.

Hab. Mozambique, Beira, Zimbiti (Sheppard), 1 ♂, 2 ♀ type. *Exp.* 26-30 mill.

3985a. *Athetis roastis* n. sp.

♀. Head, thorax, and abdomen bright red-brown, the head with whitish mixed; antennae grey-brown; palpi dark red-brown, the 2nd joint in front and the 3rd joint at tips whitish; pectus, legs, and ventral surface of abdomen red-brown mixed with some whitish. Forewing bright red-brown with a greyish gloss; a white point at base of submedian fold; a faint curved dark subbasal striga from costa defined on outer side by ochreous brown; antemedial line fine, blackish, oblique, slightly excurved below costa and above inner margin; a black point at middle of cell; reniform represented by a small pure white spot with points above and below it; a faint diffused dark medial line, slightly excurved at middle; postmedial line blackish, excurved to vein 2, then erect, a series of black points defined on outer side by white beyond it on the veins; subterminal line dark brown with a brownish shade before it, slightly angled outwards at vein 7, excurved at middle and incurved below vein 2; a slight punctiform blackish terminal line; cilia with a fine pale line at middle. Hindwing greyish suffused with reddish brown, the veins and terminal area darker; cilia whitish with an ochreous line at base and mixed with brown to vein 2; the underside whitish thickly irrorated with dark brown except on inner area, a blackish discoidal lunule and sinuous dark postmedial line.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 34 mill.

3986a. *Athetis melanerges* n. sp.

Head and tegulae yellowish white faintly tinged with rufous; thorax fuscous glossed with leaden grey; antennae black; palpi black, the extremity of 2nd joint and the 3rd joint ochreous white; abdomen whitish suffused with fuscous brown; pectus, legs, and ventral surface of abdomen whitish mixed with brown, the fore and mid tibiae, the hind tibiae towards extremity, and the tarsi black, the last ringed with white. Forewing fuscous glossed with leaden grey; a subbasal white point at costa; antemedial line black with a white point on its inner side at costa; dentate; reniform a small orange-yellow spot defined by black and with white points round it; postmedial line black, defined on outer side by whitish at costa, bent outwards and sinuous beyond the cell, oblique from vein 3 to submedian fold, then excurved, some white points beyond it on costa; traces of a dark subterminal line with some white scales on it, slightly excurved below vein 7 and at middle; a fine pale line at base of cilia. Hindwing white tinged with brown, the veins and termen darker; cilia whitish with a dark line near base to vein 2, dark at tips towards apex. Underside of forewing fuscous, the costal area irrorated with white, an oblique whitish bar at postmedial line followed by white points; hindwing white, the costal area fuscous irrorated with white, a small fuscous discoidal spot.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♂, 1 ♀ type; Portuguese E. Africa, Ruvo Valley (Neave), 1 ♂. *Exp.* 24 mill.

3991a. *Athetis soudanensis* n. sp.

♀. Head ochreous, the antennae ringed with fuscous; thorax ochreous mixed with brown; tarsi black ringed with ochreous. Abdomen ochreous dorsally suffused with brown. Forewing ochreous irrorated with brown, the terminal area suffused with fuscous slightly irrorated with whitish; a small black subbasal spot on costa and slight fuscous line to submedian fold; antemedial line rather diffused, fuscous defined on inner side by ochreous and with small black spot at costa, sinuous; reniform black, ill-defined, placed on a fuscous medial shade; postmedial line slight, fuscous with small black spot at costa; bent outwards below costa, then somewhat dentate, slightly incurved at discal fold and incurved below vein 4; two white points on postmedial part of costa; subterminal line whitish, excurved below costa to near termen and slightly excurved at middle; a terminal series of small black lunules; cilia ochreous at base, with brown line near base and white tips. Hindwing white, the veins and termen suffused with brown; cilia ochreous at base, with brown line near base and white tips. Underside of forewing ochreous white, the terminal area suffused with fuscous, some fuscous suffusion at end of cell and a slight black streak on middle of costa; hindwing with the costal area tinged with ochreous, some black on termen to vein 6 and a fine black terminal line to vein 2.

Hab. Sudan, Kut Sudan (Waterfield), 1 ♀ type. *Exp.* 32 mill.

4002a. *Athetis iberica* n. sp.

♀. Head white, the antennae and palpi, except at tips, blackish; thorax ochreous tinged with brown, the tegulae at base and shoulders white; tibiae with some black, the tarsi black ringed with ochreous; abdomen ochreous white dorsally suffused with fuscous brown. Forewing blue-grey mixed with pale ochreous; a slight blackish subbasal spot on costa and fuscous line to submedian fold defined on outer side by ochreous; antemedial line fuscous defined on inner side by ochreous and with small blackish spot at costa, oblique, waved; orbicular a slight fuscous spot; reniform fuscous, ill-defined; a slight fuscous medial shade, excurved to the reniform; postmedial line fuscous grey defined on outer side by ochreous, oblique towards costa, then somewhat dentate, excurved to vein 4, then incurved; the postmedial and terminal areas more suffused with fuscous grey; subterminal line whitish, minutely waved, angled outwards at vein 7 and excurved at middle. Hindwing white tinged with brownish ochreous especially towards termen. Underside white; forewing tinged with fuscous except the inner area, a slight ochreous streak below costa to beyond middle.

Hab. Spain, Albarracin (Sheldon), 1 ♀ type, Gibraltar (Jacobs), 2 ♀. *Exp.* 34-38 mill.

4008a. *Athetis corticea* n. sp.

♀. Head and thorax red-brown, the frons whitish; palpi black, whitish at tips; abdomen pale red-brown. Forewing red-brown irrorated with dark red-brown, paler towards base; slight blackish subbasal spots below the costa and cell; antemedial line black, waved, angled inwards at vein 1; orbicular a black point; reniform very indistinctly defined by black scales; a sinuous blackish

line from lower angle of cell to inner margin; postmedial line blackish, excurved below costa, then slightly waved, incurved at discal fold; faint traces of a sinuous dark subterminal line; a terminal series of black points. Hindwing pale glossy red-brown with a fine pale line at base of cilia. Underside of forewing dark red-brown with terminal series of small black lunules; hindwing dark red-brown, the inner half paler, a slight black discoidal spot.

Hab. Centr. China, Hupeh, Li-Shin-Tze (Botton), 1 ♀ type. *Exp.* 28 mill.

4010a. *Athetis atristicta* n. sp.

♀. Head and thorax white suffused with grey-brown; antennae black-brown except basal joint; palpi black, white in front and at tips; peetus and legs whitish, the latter tinged with red-brown and irrorated with blackish, the tarsi red-brown; abdomen white tinged with brown and dorsally irrorated with blackish. Forewing grey-white irrorated with a few black scales, the terminal area slightly darker; an antemedial black point in the cell; the orbicular represented by a black point and the reniform by four slight points; traces of a double curved postmedial series of black points; a terminal series of black points; cilia rather darker greyish brown with a slight ochreous line at base. Hindwing white, the veins tinged with brown, the terminal area suffused with brown except towards tornus; cilia with an ochreous white line at base to vein 2 followed by a diffused brown line; the underside with the costal area irrorated with a few black scales, a terminal series of black striae.

Hab. Mashonaland, Salisbury (Jack), 1 ♀ type. *Exp.* 28 mill.

GENUS *Ethionodes* nov.

Type: *Xanthograptus brunneiplaga* Beth. Baker.

Proboscis fully developed; palpi upturned, the 2nd joint reaching to vertex of head and moderately scaled in front, the 3rd short and thickly scaled; frons with slight rounded prominence with corneous plate below it; eyes large, round; antennae of male minutely serrate and with rather long cilia; thorax clothed chiefly with scales, the pro- and metathorax with spreading crests; tibiae slightly fringed with hair; abdomen without crests. Forewing with the apex rounded, the termen evenly curved and not crenulate; veins 3 and 5 from near angle of cell; 6 from below upper angle; 7, 8, 9 stalked; 10, 11 from cell. Hindwing with veins 3, 4 stalked; 5 obsolescent from middle of discocellulars; 6, 7 shortly stalked; 8 anastomosing with the cell near base only.

In key differs from *Xenopseustis* in the palpi being upturned, the pro- and metathorax with spreading crests, the hindwing with veins 3, 4 and 6, 7 stalked, and 8 anastomosing with the cell near base only.

GENUS *Hypermilichia* nov.

Type: *Hypermilichia colon* Dogn.

Proboscis fully developed; palpi obliquely upturned, the 2nd joint reaching to about middle of frons and moderately scaled, the 3rd minute; frons with rather long truncate conical corneous process with raised rim at extremity; eyes large, round; antennae ciliated; thorax clothed almost entirely with scales and without crests; fore tibiae smoothly scaled (mid and hind legs wanting);

abdomen without crests. Forewing with the apex rounded, the termen evenly curved and not crenulate; veins 3 and 5 from near angle of cell; 6 from below upper angle; 7 from angle; 8, 9, 10 stalked; 11 from cell. Hindwing with veins 3, 4 from angle of cell; 5 obsolescent from just below middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Idalima* in the palpi being obliquely upturned, the 3rd joint not porrect, the frons without corneous plate below it.

4115b. *Dysmilichia proleuca* n. sp.

♀. Head, thorax, and abdomen white tinged with rufous; palpi rufous, the 3rd joint black-brown; forelegs and the tarsi dark brown; ventral surface of abdomen with sublateral black points on terminal segments and some dark brown before the anal tuft. Forewing white with a faint ochreous tinge. Hindwing brown tinged with grey, the termen, narrowly, and cilia white. Underside fuscous brown, the costa of forewing, except towards base, and the termen of both wings white.

Hab. Br. C. Africa, Zomba (Andrew), 1 ♀ type. *Exp.* 20 mill.

4145b. *Gonodes albifascia* n. sp.

♀. Head and thorax red-brown mixed with white; palpi dark brown, white at tips; abdomen white suffused with reddish brown; pectus, legs, and ventral surface of abdomen white mixed with red-brown. Forewing white tinged with rufous and slightly irrorated with dark brown to the postmedial line; traces of a double oblique waved brown antemedial line, the median nervure beyond it with white fascia ending in a minute blackish spot defined by white at lower angle of cell; an oblique dark bar from middle of costa; postmedial line blackish, very strongly bent outwards below costa, then indistinctly double filled in with white, below vein 5 very strongly incurved to below end of cell, met at discal fold by an oblique white fascia from apex, the costal area above it dark brown with white points at costa, an oblique dark brown shade below it extending to lower angle of cell and below median nervure to the antemedial line; a white patch beyond the postmedial line between vein 3 and submedian fold; an oblique white subterminal line from the oblique fascia to submedian fold, veins 4 and 3 beyond it defined by white streaks; the terminal area dark reddish brown towards tornus; a terminal series of black-brown bars defined on inner side by white; cilia white mixed with dark brown. Hindwing white, the inner area faintly and the terminal area distinctly tinged with brown; a slight brown discoidal spot and faint curved postmedial line; cilia white with a faint brown line through them towards apex; the underside with the costal area irrorated with brown, the terminal area suffused with brown to vein 2, the discoidal spot blackish, the postmedial line waved towards costa and incurved below vein 3.

Hab. Peru, Carabaya, Oconeque (Oekenden), 1 ♀ type. *Exp.* 28 mill.

4174b. *Monodes tenuifascia* n. sp.

♂. Head and thorax whitish suffused with pale red-brown, the palpi rather darker red-brown; abdomen white slightly tinged with brown, the basal crest brown; pectus, legs, and ventral surface of abdomen rufous. Forewing whitish

suffused with pale red-brown; faint traces of a curved brown antemedial line; reniform very small and incompletely defined by dark brown, a slight dark streak beyond it in discal fold met by an oblique streak from termen just below apex; slight dark streaks in interspaces of terminal areas; a fine whitish line at base of cilia. Hindwing pure white; the underside with the costal area tinged with ochreous brown, the termen with slight ochreous brown marks to vein 2.

Hab. Argentina, Corrientes, Goya (Perrens), 1 ♂ type. *Exp.* 20 mill.

4174c. *Monodes goyensis* n. sp.

♀. Head and thorax whitish suffused with pale red-brown and slightly irrorated with dark brown; abdomen white suffused with dark brown; pectus whitish; legs pale red-brown, the tarsi darker brown ringed with white; ventral surface of abdomen white mixed with red-brown. Forewing whitish suffused with pale red-brown and irrorated with dark brown; traces of an oblique sinuous dark antemedial line; claviform minute and defined by black brown; a slight black-brown spot at middle of cell; reniform oblique, defined at sides by black-brown lines and with some diffused black-brown before it; postmedial line very indistinct, double, dark filled in with whitish, excurved to vein 2, then incurved; a terminal series of blackish points defined on inner side by whitish with diffused dark marks before them. Hindwing whitish suffused with pale red-brown; cilia brown and white with a white line at base; the underside white tinged with red-brown, the costal and terminal areas with some darker irroration, a dark discoidal point.

Hab. Argentina, Corrientes, Goya (Perrens), 1 ♀ type. *Exp.* 22 mill.

4250a. *Hadjina obscura* n. sp.

♂. Head and thorax grey mixed with red-brown and dark brown; palpi blackish, the extremity of 2nd joint whitish; tarsi blackish ringed with whitish; abdomen whitish irrorated with brown. Forewing grey suffused with reddish brown and irrorated with dark brown; an indistinct whitish subbasal mark below the costa; antemedial line indistinct, dark, rather diffused, and slightly curved; orbicular a slight rounded spot of red and white scales; reniform defined by whitish points and with more distinct spot at middle of outer edge, some reddish scales in centre; a very indistinct dark medial line; postmedial line indistinct, dark, excurved below vein 7 and at middle and incurved at discal fold and below vein 4; subterminal line very indistinct, pale defined on inner side by dark-brown suffusion, excurved below vein 7 and at middle; a terminal series of slight blackish points and fine pale line at base of cilia. Hindwing whitish tinged with brown, a faint discoidal spot and curved postmedial line; a dark terminal line; the underside white slightly tinged and irrorated with brown, a blackish discoidal spot and rather diffused curved postmedial line.

Hab. Br. E. Africa, Nairobi (Anderson), 1 ♂ type. *Exp.* 26 mill.

4265a. *Xylomoea lignea* n. sp.

♀. Head and thorax red-brown mixed with some whitish, the tegulae and base of patagia with some black-brown, the former with blackish line at middle, the latter with sinuous black streak near upper edge; antennae brown, ringed

with white towards base; palpi red-brown with some white at extremities of 2nd and 3rd joints; abdomen red-brown mixed with some whitish; pectus and legs red-brown mixed with whitish, the tarsi black-brown ringed with white. Forewing red-brown mixed with grey, the terminal half of inner margin tinged with sap-green, the veins of terminal area with slight blackish streaks; a dark point at base of median nervure; a slight waved dark subbasal line from costa to submedian fold; antemedial line blackish, double oblique and filled in with whitish to median nervure, then waved and filled in with white, conjoined black-brown spots before it in and below the cell and above inner margin; the medial area very narrow with a strong obliquely curved black-brown medial line, another double, blackish, slightly curved and sinuous line just beyond it with some dark brown beyond it below the costa; postmedial line slight, dark, dentate, and produced to whitish points at the veins, rather oblique to vein 5, then incurved, some whitish points beyond it on costa; a faint pale sinuous subterminal line, defined on inner side by some brown and with a slight dark mark on its outer side at discal fold; a terminal line of minute dark somewhat lunulate spots. Hindwing glossy red-brown, the cilia white chequered with red-brown. Underside whitish suffused with red-brown; forewing with the costal area white and rufous with a rufous mark at middle and double oblique postmedial striae; hindwing with dark discoidal spot, sinuous red-brown medial line and waved postmedial line somewhat excurved below costa and at middle.

Hab. Venezuela, Esteban Valley, Las Quiguas (Alages), 1 ♀ type. *Exp.* 30 mill.

4285a. *Namangana thyatiroides* n. sp.

♀. Head and thorax white mixed with olive-green and irrorated with a few black scales, the patagia with some black scales on edges; antennae black ringed with whitish; palpi black-brown and whitish; abdomen whitish suffused with red-brown and with slight blackish segmental lines; pectus, legs, and ventral surface of abdomen red-brown and whitish, the tibiae with blackish marks towards extremities, the tarsi black-brown, the extremities of tibiae and the tarsal joints ringed with white. Forewing olive-green irrorated with black, the veins beyond the cell streaked with black, the costal edge black towards base, the base of inner margin more thickly irrorated with black; antemedial line slight, black, oblique to submedian fold and angled inwards at vein 1; a conical white patch on inner medial area from before the antemedial line to the postmedial line; claviform defined by black scales; orbicular defined by black, large, round; reniform defined by black on inner side and below, its outer part lost in a large round white patch tinged with rufous at centre, extending to the postmedial line and to below costa; postmedial line blackish, strongly bent outwards below costa, then excurved to vein 4, then double oblique and waved, an oblique patch formed by two spots to it at vein 6 from apex, a white patch beyond it between veins 4 and 2, and some black between veins 5 and 3 and below 2; some black suffusion on costa before the oblique white patch; a terminal series of slight black lunules; cilia white mixed with some black. Hindwing white, the inner area tinged with ochreous; the veins beyond the cell dark brown; the terminal area suffused with dark brown, narrowing to tornus; a terminal series of blackish bars defined by white; cilia white; the underside

white, the costal area and terminal area to vein 5 tinged with ochreous and irrorated with blackish, a black discoidal spot and curved postmedial series of minute black streaks on the veins.

Hab. Lourenço Marques, 1 ♀ type. *Exp.* 40 mill.

4311a. *Tumidifrontia rcseitincta* n. sp.

♂. Head and thorax bright rufous, the tegulae white and grey-brown except at tips, the patagia dark grey-brown except at edges; antennae with the shaft whitish above; abdomen whitish suffused with grey-brown, the basal crest, extremity, and anal tuft fiery rufous; pectus and legs white tinged with rufous, the tibiae and tarsi more rufous; ventral surface of abdomen white mixed with brown. Forewing bright rufous tinged with pink, the antemedial area chestnut-brown below the cell, the terminal area with a whitish tinge except towards tornus; antemedial line double, chestnut-red filled in with white except below costa, where it is tinged with grey, oblique and slightly waved; claviform defined by chestnut-red, extending to the cell; orbicular and reniform defined by chestnut-red and rather closely approximated, the former round, the latter oblique; postmedial line double, chestnut-red filled in with grey-white at costa and below vein 2, the inner line confluent with the outer edge of the reniform, slightly waved, oblique towards costa, incurved at discal fold, excurved beyond lower angle of cell, then strongly incurved to near the antemedial line, a large black-brown patch beyond it from vein 2 to inner margin; a terminal series of black points; cilia bright rufous. Hindwing white, the veins beyond the cell and terminal area tinged with brown; cilia white and brown with some rufous at tips. Underside white; forewing with the costa and a patch in and beyond end of cell suffused with fiery red with a white postmedial mark on costa, the cilia fiery red; hindwing with the terminal half of costal area irrorated with red-brown and the costa suffused with rufous, a small rufous discoidal spot and slight sinuous postmedial line from costa to vein 6.

Ab. 1. Head and thorax white mixed with rufous; forewing more uniform pale rufous, the medial area mixed with white, the terminal area whiter; hindwing with the terminal area faintly tinged with brown, the cilia without rufous at tips.

Hab. Br. C. Africa, Mt. Mlanje (Ncave), 4 ♂ type. *Exp.* 24-26 mill.

4464a. *Calymnoides ferrealis* n. sp.

♀. Head and thorax pale rufous; antennae grey-brown; abdomen grey-brown; pectus and legs pale red-brown. Forewing pale rufous; antemedial line hardly traceable, red-brown, oblique; orbicular and reniform very faint, pale, the former round; a very indistinct brown medial line, excurved to median nervure; postmedial line indistinct, whitish slightly defined on inner side by brown, oblique to vein 6, excurved to vein 4, then oblique and sinuous; sub-terminal line faint, whitish defined on inner side by brown marks in the interspaces, slightly excurved below vein 7 and at middle; cilia rufous and brown with a white line at base. Hindwing white, the terminal area suffused with reddish brown, broadly at costa, narrowing to tornus; cilia white and brown with a white line at base; the underside with the costal and terminal areas tinged

and irrorated with brown, a dark-brown discoidal spot and indistinct sinuous postmedial line.

Hab. Colombia, Minca (H. H. Smith), 1 ♀ type. *Exp.* 44 mill.

4485*b*. *Calymniodes obliquirena* n. sp.

♂. Head black, the vertex white tinged with rufous; thorax rufous mixed with black-brown; palpi black-brown and whitish; abdomen grey suffused with dark brown and with whitish segmental lines towards extremity, the anal tuft tinged with rufous. Forewing eupreous red-brown mixed with some whitish, the antemedial area suffused with black to submedian fold, the terminal area suffused with fuscous brown except towards tornus and with the veins blackish; subbasal line double, black filled in with whitish, waved, from costa to vein 1; antemedial line double, black filled in with whitish, oblique, sinuous; claviform with its extremity defined by black-brown; orbicular and reniform with whitish annuli defined by black-brown, the former round, the latter oblique and sinuous, its centre defined on inner side by black-brown, a black streak from it to the postmedial line in discal fold; medial line black and oblique to the reniform, brown and waved below the cell; postmedial line double, black, bent outwards below costa, then slightly waved, excurved to discal fold, then somewhat oblique, some whitish points with black between them beyond it on costa; subterminal line whitish, defined on inner side by a wedge-shaped black mark below costa and by small dentate marks between veins 6 and 3, slightly angled inwards above vein 7, then slightly waved; a fine black terminal line; cilia fuscous and grey with a blackish line near base. Hindwing whitish suffused with brown, the terminal area brown except towards tornus, a slight blackish discoidal lunule; cilia whitish and brown with a white line at base followed by a brown line; the underside white irrorated with black-brown, slightly on inner area, a black discoidal lunule and dark postmedial line, oblique towards costa and incurved below vein 3.

Hab. U.S.A., Arizona, Palmerlee, 1 ♂ type. *Exp.* 30 mill.

4488*a*. *Calymniodes leucopis* n. sp.

♂. Head and thorax bright red-brown, the tegulae yellowish at tips; antennae black-brown; abdomen dark eupreous red-brown, the genital tufts ochreous white; pectus, legs, and ventral surface of abdomen dark red-brown, the tarsi ringed with white. Forewing with the basal area and the terminal half deep glossy red-brown, the medial area golden yellow mixed with bright red-brown; an oblique yellowish subbasal bar from costa and yellowish bar in submedian interspace with a black-brown spot before it; antemedial line double, deep red-brown filled in with yellowish, the outer line excurved at submedian fold and incurved at vein 1; orbicular a silvery white lunule with its lower extremity bent outwards to below a small silvery white spot at upper angle of cell, defined by deep red-brown; postmedial line whitish slightly defined on each side by dark red-brown, slightly bent outwards below costa, then minutely waved, excurved to vein 4, then incurved, some white points beyond it on costa; subterminal line yellowish white, oblique towards costa and excurved at middle; cilia red-brown and whitish with a dark red-brown line at middle. Hindwing deep red-brown with a eupreous gloss, the cilia with a fine whitish line at base;

the underside white strongly irrorated with red-brown, the terminal area suffused with red-brown, a dark red-brown discoidal spot and curved postmedial line, a series of white points at the extremities of the veins.

Hab. Colombia, R. Dagna, Naranjito, 1 ♂ type. *Exp.* 22 mill.

4589a. *Chalcopasta sinuata* n. sp.

♂. Head and thorax dark red-brown mixed with grey, the tegulae rufous with some white scales at tips, the mesothoracic crests rufous at base; antennae red-brown ringed with whitish towards base; palpi dark red-brown, orange-yellow at base; abdomen red-brown, the anal tuft yellow; pectus, legs, and ventral surface of abdomen orange-yellow. Forewing grey tinged and irrorated with red-brown; a brassy-golden spot at base of cell; antemedial line dark red-brown, very oblique, angled outwards below costa, incurved in the cell, then sinuous, the area before it below the cell irrorated with metallic gold; a very broad oblique brassy-gold band edged by dark lines from below costa beyond the antemedial line to inner margin, confluent with a very broad brassy-gold terminal band from lower angle of cell to inner margin, its inner edge bent outwards just below the cell and its outer edge excurved in lower angle of cell; reniform defined by dark brown, strongly constricted at middle, some metallic-gold suffusion in its centre and before it; postmedial line dark brown, oblique to vein 6, then defining the inner edge of the terminal band and ending at lower angle of cell; the terminal band bent outwards to termen just below apex and with some grey-white above it on costa; a faint subterminal punctiform brown line, incurved at discal fold and oblique below vein 3; a terminal dark red-brown line expanding into a semicircular patch between veins 6 and 4; cilia grey and red-brown with a dark line through them. Hindwing whitish suffused with cupreous brown, the terminal area browner; cilia ochreous white. Underside of forewing grey-brown, the costal area reddish ochreous, the termen grey; hindwing glossy white tinged with ochreous.

Hab. Mexico, Zacualpan (Müller), 1 ♂ type. *Exp.* 36 mill.

4591a. *Chalcopasta restricta* n. sp.

♂. Head and tegulae whitish suffused with rufous; thorax dark red-brown mixed with grey; antennae whitish tinged with red-brown especially towards base; palpi with red-brown mixed towards tips; abdomen red-brown, the anal tuft reddish ochreous; pectus and legs red-brown, the tarsi whitish; ventral surface of abdomen white tinged with rufous. Forewing grey-white mixed with red-brown; a brassy-gold patch in and below base of cell, confluent with a very broad oblique brassy-gold band from below costa before middle confluent below the cell with a very broad brassy-gold terminal band arising from below the costa where its upper edge is oblique, the basal patch not extending below submedian fold; the antemedial band defined by dark brown below the cell and its outer edge by a waved line to median nervure; reniform defined by dark red-brown, strongly constricted at middle; a punctiform red-brown subterminal line, incurved at discal fold and oblique below vein 3; a dark red-brown terminal line, cilia chequered whitish and dark brown. Hindwing with the basal half whitish tinged with red-brown, the terminal half cupreous red-brown; cilia white with a red-brown line near base. Underside of forewing grey-brown,

the costal area white tinged with rufous; hindwing white faintly irrorated with brown, a faint curved brown postmedial line.

Hab. Mexico, Tehuacan (Müller), 1 ♂ type. *Exp.* 36 mill.

4673a. *Busseola fuscantis* n. sp.

♀. Head and thorax fuscous black mixed with some whitish tinged with rufous, the terminal half of patagia almost entirely whitish tinged with rufous; antennae fuscous brown; abdomen white suffused with fuscous; pectus, legs, and ventral surface of abdomen white suffused with red-brown, the tarsi black-brown ringed with white. Forewing ochreous white tinged with rufous and irrorated with fuscous black, the costa more thickly irrorated; white points in and beyond lower angle of cell with some black-brown scales round them; a rather diffused oblique black-brown subterminal line from vein 6 to inner margin with black-brown points before it on veins 5 to 1; a terminal series of minute black lunules; cilia white with black-brown line at middle and some black-brown at tips. Hindwing white tinged with ochreous and the terminal area faintly with brown; a slight brown terminal line; the underside white, the costal area and terminal area to vein 2 irrorated with pale red-brown.

Hab. E. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 30 mill.

4700b. *Tridentifrons microsema* n. sp.

♂. Head and thorax red-brown mixed with some whitish; antennae whitish tinged with red-brown; abdomen white tinged with red-brown; pectus, legs, and ventral surface of abdomen white mixed with some red-brown. Forewing pale red-brown, the costal area whitish tinged with red-brown, the submedian fold rufous, a patch in and below end of cell and the terminal area tinged with grey-brown, the latter narrowing to a point at apex; antemedial line very indistinct, red-brown, oblique, waved; a brown point in middle of cell; reniform very small, with whitish annulus with two white points below and brown centre, open above and below and with whitish streak before and beyond it in discal fold; postmedial line very indistinct, red-brown, oblique to vein 6, incurved at discal fold, oblique and dentate below vein 4; an oblique subterminal series of wedge-shaped chocolate-brown spots in the interspaces between veins 7 and 3; a terminal series of black-brown points; cilia whitish and red-brown. Hindwing white tinged with red-brown; a brown terminal line; cilia white mixed with red-brown. Underside white tinged with rufous; both wings with slight brown discoidal spot and curved postmedial line.

Hab. Java, Sindanglaya, 1 ♂ type. *Exp.* 36 mill.

4726a. *Rhyncholita diaperas* n. sp.

♀. Head ochreous white tinged with rufous; thorax ochreous white suffused with rufous, the patagia with a few dark brown scales, the metathorax blackish behind; abdomen whitish, tinged with rufous towards base and with brown towards extremity and irrorated with blackish scales; pectus, legs, and ventral surface of abdomen whitish suffused with rufous, the forelegs dark brown, the tarsi ringed with white. Forewing ochreous tinged in parts with rufous and irrorated with dark brown; a blackish subbasal striga from costa and spot below

the cell; antemedial line rather indistinct, black, waved, forming small spots at median nervure and vein 1; orbicular white defined by black-brown, oblique elongate, some black scales in centre; reniform with white annulus and black spots in upper and lower parts, elliptical; an oblique blackish line from costa to the reniform; postmedial line black, strongly bent outwards below costa, then rather punctiform, excurved to vein 4, then oblique and slightly incurved at submedian fold; an oblique ochreous-white fascia from apex to the reniform at discal fold, with red-brown suffusion before it on costal area and some black points towards apex, and dark red-brown below it diffused over the terminal area to tornus; a diffused slightly waved dark brown subterminal line from the pale fascia to inner margin; a terminal series of black points defined on inner side by white, and striga at submedian interspace; cilia with a black-brown line through them. Hindwing white tinged with ochreous; a dark brown discoidal spot and curved postmedial line; the terminal area suffused with brown to vein 2; a terminal series of black striae to submedian fold; the underside white tinged with ochreous and irrorated with red-brown except on inner area, the discoidal spot black-brown with white striga at centre, the postmedial line rather maculate and slightly incurved at discal fold.

Hab. Brazil, Castro Paraña (D. Jones), 1 ♀ type. *Exp.* 24 mill.

GENUS *Tranoses* Schaus.

4726b. *Tranoses perangulata* n. sp.

♂. Head white, the vertex slightly tinged with rufous; antennae brownish except towards base; palpi rufous with some white above; thorax white mixed with rufous; abdomen rufous, white at base; pectus, legs, and ventral surface of abdomen white suffused with rufous. Forewing white irrorated with rufous and a few dark scales, the interspaces of costal area and the cell streaked with rufous, the inner area suffused with rufous; a black point at base of cell; antemedial line slight, rufous, very strongly angled outwards below costa and at submedian fold and inwards in the cell; minute elongate black spots at middle and end of cell; postmedial line rufous defined on outer side by white, arising from costa just beyond middle, angled outwards to below apex, then very oblique to middle of inner margin, a slight black spot on it at vein 1; some white points with rufous between them on costa towards apex; an oblique wedge-shaped rufous fascia from apex to vein 3 before and beyond the postmedial line; a lunulate black terminal line defined on inner side by white; cilia rufous with a white line at base. Hindwing white with a faint red-brown tinge; a slightly waved blackish terminal line from apex to submedian fold. Underside of forewing white suffused with brown except on inner and terminal areas, the subbasal tuft of hair below costa black, a white fascia through the cell to just beyond it; hindwing white, the costal area irrorated with rufous, the inner margin yellow.

Hab. Peru, San Domingo (Ockenden), 1 ♂ type. *Exp.* 24 mill.

4726c. *Tranoses punctilinea* n. sp.

♂. Head and thorax ochreous white, the latter slightly irrorated with brown; palpi at sides, pectus, and legs tinged with red-brown; abdomen ochreous

tinged with red-brown. Forewing ochreous white tinged with red-brown and irrorated with a few black scales especially above vein 1; a black point in the cell near base; antemedial black points below the costa and cell, above vein 1 and at inner margin, the point above vein 1 nearer the base; a black point on each side of the discocellulars at discal fold; a faint brownish postmedial line with series of black points at the veins, very strongly angled outwards below costa, then obliquely curved to vein 2, then oblique to inner margin, met at its angle below costa by an oblique rather diffused brown line from apex, continued subterminally to inner margin; a terminal series of black points. Hindwing creamy white. Underside creamy white; forewing with the costal area tinged with red-brown, a sinuate brown discoidal spot, the fringe of hair from base of costa blackish at extremity.

Hab. Colombia, Minca (H. H. Smith), 1 ♂ type. *Exp.* 20 mill.

4726g. *Lepteria sacraria* n. sp.

♀. Head and thorax ochreous white, the thorax irrorated with a few black scales; palpi mostly black at sides except at base; pectus and legs tinged with brown; abdomen ochreous white, dorsally irrorated with brown. Forewing ochreous white tinged with flesh pink and slightly irrorated with brown, the costal edge blackish towards base; a faint diffused brownish line just beyond the cell, excurved to vein 4, then oblique; a faint diffused oblique brownish line from apex to inner margin beyond middle; a series of black points just before termen. Hindwing creamy white; a small round black discoidal spot; some black irroration on inner margin towards tornus with a more distinct postmedial spot; a terminal series of black points. Underside creamy white; forewing with the cell and the costal area to near apex suffused with brown, a small black discoidal spot; hindwing irrorated with brown.

Ab. 1. Palpi without black at sides; forewing with oblique black band irrorated with white scales replacing the subterminal line from vein 5 to inner margin, where it is diffused to tornus, the black points before termen stronger and with black marks beyond them on the cilia beyond them below veins 5, 4, 2 and at tornus; hindwing with the terminal black points stronger.

Hab. Peru, Aqualani (Ockenden), 2 ♀ type. *Exp.* 24 mill.

4749a. *Acrapex roseola* n. sp.

♀. Head and thorax pale pink mixed with some fuscous brown; antennae brownish; palpi dark brown; pectus, legs, and abdomen whitish suffused with brown. Forewing pale pink; some black irroration on costal half of basal area; a slight white streak on median nervure with some black scales near it, ending in slight white spots in and beyond lower angle of cell with a group of black scales between them; two black points on costa towards apex and subterminal black points on veins 5, 4, 3; a terminal series of black bars; cilia white, tinged with pink at base and with some black-brown scales at middle and tips. Hindwing white tinged with brown. Underside white tinged with brown, the costal areas of both wings irrorated with red-brown.

Hab. E. C. Africa, Mt. Mlanje (Neave), 2 ♀ type. *Exp.* 30 mill.

GENUS *Pachygnathesis* nov.Type: *P. squamata*.

Proboscis fully developed; palpi obliquely upturned, the 2nd joint reaching to vertex of head, broadly scaled above and very broadly below, the scales being much produced at its extremity, the 3rd moderate and thickly scaled; frons smooth with large tuft of hair above; eyes large, round; antennae of male bipectinate with long branches to apex; thorax clothed almost entirely with scales and without crests; tibiae smoothly scaled, the spurs long; abdomen smoothly scaled and without crests. Forewing with the apex rounded, the termen evenly curved and not crenulate; vein 3 from before angle of cell; 4, 5 from angle; 6 from just below upper angle; 7 from angle; 8, 9 stalked; 10, 11 stalked and anastomosing with 8, 9 to form the areole; the male with slight fovea at upper angle of cell and costal fold to end of cell on underside. Hindwing with veins 3, 4 from angle of cell; 5 obsolescent from middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from the other genera with an areole in the forewing having vein 7 from the cell, veins 8, 9 stalked, 10, 11 stalked and anastomosing with 8, 9 to form the areole.

4749a. *Pachygnathesis squamata* n. sp.

♂. Head and thorax ochreous; antennae dark brown, the shaft whitish; palpi ochreous mixed with red-brown, the 3rd joint whitish with dark ring at middle; abdomen ochreous white; pectus and legs whitish suffused with brown, the fore tarsi dark brown ringed with white. Forewing ochreous white suffused in parts with red-brown except towards base, the costa suffused with red-brown to base; small subbasal and antemedial black spots on costa; a small antemedial black spot below median nervure and another at middle of cell with some raised white scales on them, and a similar spot at middle of inner margin; a red-brown postmedial shade with black spots in the interspaces with tufts of raised white scales on them, the spots arising below the costa and the shade incurved below vein 5; the costal area towards apex and the terminal area more strongly suffused with red-brown, with some whitish points on costa with darker brown between them; an indistinct ochreous subterminal line, slightly excurved below vein 7 and at middle and angled at veins 4, 3; a terminal series of dark points; cilia red-brown mixed with some ochreous white. Hindwing ochreous white; a diffused medial brown line from vein 6 to inner margin; an interrupted red-brown terminal line except towards tornus; the cilia with red-brown mixed except towards tornus; the underside with red-brown discoidal bar, rather diffused curved postmedial line and the terminal area suffused with red-brown.

Hab. **Louisiade Is.**, Rossel I. (Meek), 1 ♂ type, St. Aignan I. (Meek), 2 ♂. *Exp.* 24 mill.

4776a. *Conicofrontia mesoscia* n. sp.

♀. Head and thorax pale rufous mixed with some whitish; antennae rufous; pectus, legs, and abdomen whitish mixed with rufous. Forewing whitish slightly tinged with flesh colour and irrorated with brown; a wedge-shaped rufous shade along median nervure from base to the postmedial line from vein 5 to submedian

fold, leaving the median nervure and the veins arising from it whitish; eight black points in and below middle of cell and a small discoidal spot; a postmedial series of black points in the interspaces from vein 6 to submedian fold with some black scales beyond them on the veins, incurred below vein 4; a terminal series of minute black spots; cilia red-brown mixed with some whitish. Hindwing whitish tinged with red-brown and the inner area with rufous; a faint brown discoidal lunule and curved postmedial line; a terminal series of blackish bars; the underside slightly irrorated with blackish, the postmedial line with slight dark streaks at the veins.

Hab. Natal, Durban (Clark), 1 ♀ type. *Exp.* 42 mill.

4816a. *Callyna melanosema* n. sp.

♀. Head and thorax deep purplish red-brown irrorated with a few whitish scales; antennae black; frons with white bars at sides and its lower part white; palpi white mixed with rufous; abdomen black-brown; pectus, legs, and ventral surface of abdomen white mixed with black; the tarsi black ringed with white. Forewing deep purplish red-brown; the basal area strongly irrorated with grey-white; antemedial line blackish, oblique, sinuous, with a band of grey-white irroration before and beyond it to submedian fold; orbicular defined by grey-white scales, round; reniform defined by grey-white points and with small spot at middle of outer edge defined by blackish; a faint erect brown line from lower angle of cell to inner margin; postmedial line blackish defined on each side by a band of grey-white irroration to vein 4, oblique to vein 6, then somewhat dentate and produced to short streaks on the veins, some whitish points beyond it on costa and a velvety black patch between veins 6 and 4 before the subterminal line, which is formed by grey-white scales, small black spots before it below veins 4 and 3; a series of slight whitish marks in the interspaces before termen. Hindwing dark brown with a slight cupreous gloss; cilia white with a dark brown line near base, wholly brown towards apex and with some brown scales at tips at middle; the underside white irrorated with brown, the terminal area suffused with dark brown, a dark discoidal spot and curved postmedial line.

Hab. Ceylon, Haragama (Mackwood), 1 ♀ type. *Exp.* 32 mill.

4817a. *Callyna chalcoperas* n. sp.

♂. Head and thorax dark glossy red-brown; antennae black-brown, the basal joint white in front; abdomen fuscous brown tinged with grey; pectus and legs dark red-brown mixed with grey, the tarsi ringed with whitish. Forewing dark glossy red-brown tinged and slightly irrorated with grey; a minute whitish subbasal point on costa; antemedial line brown, oblique, waved, with a minute whitish point at costa; an ochreous white point at middle of cell and indistinct discoidal bar; a diffused curved brown medial line, touching the discoidal bar; postmedial line dark brown defined on inner side by whitish scales towards costa, curved, dentate, and produced to slight whitish points at the veins from vein 6 to inner margin, some slight whitish points beyond it on costa; subterminal line faint, pale defined on inner side by a darker-brown shade, slightly waved and somewhat excurved below vein 7 and at middle; the apex pale cupreous brown; cilia cupreous red-brown with a fine whitish line at base. Hindwing fuscous brown with a cupreous gloss; cilia cupreous red-brown with

a fine whitish line at base ; the underside grey-white suffused with dark-brown except below the cell, extending on terminal area to submedian fold, dark medial shade from costa to median nervure and diffused curved postmedial line.

Hab. Philippines, Manila (Ledyard), 1 ♂ type. *Exp.* 40 mill.

Erastrinae.

5004b. *Acidaliodes irrorata* n. sp.

♀. Head, thorax, and abdomen brown mixed with grey-white ; antennae whitish tinged with red-brown ; palpi, pectus, legs, and ventral surface of abdomen white mixed with some red-brown. Forewing grey-white mixed with red-brown and irrorated with dark brown ; two subbasal red-brown spots on costa ; an indistinct slightly sinuous brown antemedial band with a red-brown spot at costa ; a slight brown spot at middle of cell and discoidal bar defined on outer side by whitish ; postmedial line dark brown, excurved to vein 6, slightly incurved and forming a small spot at discal fold, strongly incurved below vein 4 ; an indistinct sinuous whitish subterminal line with a slight brown spot on its outer side at submedian fold ; the apical area obliquely whitish tinged with red-brown to vein 3. Hindwing reddish brown mixed with some grey and irrorated with darker brown ; a slight dark discoidal spot and faint waved postmedial and subterminal lines. Underside grey-brown, the terminal areas of both wings whitish.

Hab. Peru, R. Uncayale, Contamino, 1 ♀ type. *Exp.* 12 mill.

5022e. *Phobolusia medialis* n. sp.

♂. Head, thorax, and abdomen white mixed with red-brown and dark brown, the anal tuft enpreous brown ; antennae brown, ringed with white towards base ; palpi red-brown, the 3rd joint white ; pectus, legs, and ventral surface of abdomen dark brown mixed with some grey, the tarsi ringed with white. Forewing white thickly striated with dark brown, the basal costal area, medial, and apical areas darker, the rest of terminal area mostly white ; an indistinct dark subbasal line from costa to submedian fold ; antemedial line black-brown defined on each side by white, forming a small spot at costa, slightly incurved at median nervure and incurved towards inner margin ; a black-brown discoidal spot ; postmedial line dark brown defined on outer side by white, forming a small black-brown spot at costa, excurved to vein 4, then oblique, incurved at submedian fold and excurved at vein 1, some white points beyond it on costa with black-brown marks between them ; subterminal line white with a brown shade before it, broad towards costa, excurved below costa and at middle ; a black terminal line defined on inner side by white ; cilia white at base, brown mixed with some white at tips. Hindwing white, the inner area tinged with red-brown ; a slight dark discoidal spot ; traces of a curved postmedial line ; a black-brown terminal line with a slight dark shade before it ; cilia white with a series of small dark-brown spots. Underside of forewing white suffused with dark reddish brown, the postmedial line dark and oblique to vein 4, then inwardly oblique, faint and diffused ; hindwing with the costal area irrorated with brown, the discoidal spot dark, the postmedial line dark, slightly excurved below costa and strongly at middle.

Hab. W. Colombia, San Antonio (Palmer), 1 ♂ type. *Exp.* 20 mill.

5022*h*. *Photolosia micralis* n. sp.

♀. Head, thorax, and abdomen grey-white mixed with reddish brown; antennae dark brown ringed with whitish, the basal joint white; palpi, pectus, legs, and ventral surface of abdomen except at extremity white suffused with rufous. Forewing grey-white tinged with red-brown and irrorated with dark brown; traces of double antemedial, medial, postmedial, and subterminal dark lines and of a dark discoidal spot; the terminal half of costa dark brown, with oblique white striae from it; the terminal area red-brown with a deep rufous terminal line; cilia whitish tinged with rufous. Hindwing grey-white suffused with red-brown and slightly irrorated with dark-brown. Underside whitish suffused with red-brown, the hindwing with small dark discoidal spot.

Hab. **Mexico**, Teapa, Tabasco (H. H. Smith), 1 ♀ type. *Exp.* 14 mill.

5022*l*. *Phobolosia argentifera* n. sp.

♂. Head whitish tinged with yellow; antennae yellow ringed with brown; frons dark brown at sides; palpi dark brown, the 3rd joint whitish; thorax and abdomen yellow; pectus and legs whitish suffused with yellow. Forewing yellow, the basal area with some yellowish white except towards costa and the basal half irrorated with a few black-brown scales; the costal edge black-brown towards base; a slight subbasal brown streak below costa; an obliquely curved brown antemedial line from costa to discal fold and an oblique brown striga from costa above end of cell; an oblique silvery discoidal bar bent outwards below the cell to join a slight silvery streak in submedian fold from near base to termen; a silvery streak on inner margin from near termen; an obliquely curved postmedial yellowish white band from veins 7 to 2 with rather diffused outer edge; some minute brown points on costa towards apex; a terminal series of black-brown striae defined on inner side by silvery spots; cilia intersected with brown except at base. Hindwing yellow, the base, costal area, and submedian fold yellowish white; a blackish postmedial line from vein 5 to submedian fold with a patch of silvery irroration from before it to termen; a rather diffused blackish subterminal bar between veins 4 and 2; a fine black terminal line from below apex to vein 2; cilia with some blackish scales at tips. Underside creamy white irrorated with red-brown; forewing with the costa yellow except towards base, a brown discoidal spot with bar above it from costa, a curved brown postmedial line from costa to vein 2, some brown spots beyond it on costa, a terminal series of black points from below apex to vein 3; hindwing with red-brown discoidal spot, postmedial line curved to vein 2, then oblique to submedian fold near termen, a punctiform black-brown terminal line from apex to vein 3.

Hab. **Brazil**, Amazons, Paraña de Buyassu (Austen), 1 ♂ type. *Exp.* 20 mill.

GENUS *Oediblemma* nov.

Type: *Oe. trojoptera*.

Proboscis aborted, minute; palpi porrect, extending about one and a half times length of head and fringed with hair above and below, the 3rd joint short; frons with large rounded prominence; eyes large, round; antennae of female ciliated; thorax clothed almost entirely with scales and without crests; tibiae

smoothly sealed; abdomen smoothly scaled and without erests. Forewing with the costa moderately arched towards apex, which is produced and acute, the termen excised below apex, strongly excurved between veins 5 and 3, then again excised, slightly waved; veins 3, 4 stalked; 5 from just above angle of cell; 6 from below upper angle; 7, 8, 9, 10 stalked; 11 from cell. Hindwing with the termen produced to a point at vein 7, excurved at veins 4 and 3, then excised and produced to a point at vein 2; veins 3, 4 stalked; 5 somewhat obsolescent from just below middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Phoenicophanta* in the palpi being porrect and fringed with hair above and below, in the irregular outline of the wings, and veins 3, 4 being stalked.

5025a. *Oediblemma trogoptera* n. sp.

♀. Head and thorax white slightly tinged with rufous; antennae more rufous; pectus, legs, and abdomen white mixed with rufous and dark brown scales. Forewing with the basal area white mixed with some rufous and a few black scales, the rest of wing rufous slightly mixed with whitish, the medial area rather darker except towards costa; a rufous subbasal striga from costa; antemedial line reddish ochreous defined on each side by deep rufous and black scales except towards costa, slightly waved; an oblique red-brown discoidal striga produced on base of veins 4, 3; an indistinct oblique dark shade from lower angle of cell to inner margin; a faint oblique whitish postmedial line from costa to discal fold, in which there is a black-brown streak from it to near termen, the patch above it on costal area rather deeper rufous mixed with some whitish and dark brown; some black-brown points before termen from below costa to vein 5, where there is a white point defined on each side by black; some black points on termen below apex, a minute spot below vein 3 and a striga above tornus. Hindwing rufous with a greyish tinge and irrorated with a few black scales; a black discoidal point; a rather diffused oblique dark postmedial line from vein 6 to inner margin; three indistinct waved red-brown subterminal lines almost obsolete towards costa; a dark red-brown terminal line; elia yellowish with some fiery red at tips at middle and some black scales at tornus. Underside of the wing whitish tinged with rufous and irrorated with red-brown, on inner area with dark brown, a blackish discoidal striga, blackish points before termen between veins 7 and 4 and on termen at middle; hindwing whitish tinged with red-brown and irrorated with dark brown, a black discoidal point, sinuous brown medial line, postmedial line red-brown, angled outwards below costa, then slightly waved and with black line from submedian fold to tornus, a faint waved subterminal line and some slight black lunules on termen.

Hab. Transvaal, Pretoria, Pienaars R. (Distant), 1 ♀ type. *Exp.* 28 mill.

5028a. *Catoblemma renalis* n. sp.

♀. Head, thorax, and abdomen white mixed with some pale red-brown; palpi with the 3rd joint red-brown tipped with white; pectus, legs, and ventral surface of abdomen white tinged with rufous. Forewing white mixed with some rufous, the terminal area suffused with rufous; a subbasal black point below costa; traces of a rufous antemedial line; a white discoidal bar defined by

dark brown and with traces of a rufous line from it to inner margin ; postmedial line indistinct, double, rufous filled in with white, very slightly waved, excurved to vein 4, then oblique, some small dark brown spots beyond it on costa ; a waved white subterminal line, excurved between veins 4 and 2 and crossed by dark brown streaks on veins 4, 3 from before it to termen ; a black-brown terminal line defined on inner side by white ; cilia rufous. Hindwing white tinged with rufous ; a dark brown terminal line ; the underside white, a slight brown discoidal spot, curved postmedial line and subterminal shade.

Hab. **Borneo**, Sarawak (Wallace), 1 ♀ type. *Exp.* 24 mill.

5028c. *Catoblemma cremorna* n. sp.

♀. Head, thorax, and abdomen white faintly tinged with reddish ochreous, the palpi and forelegs more strongly tinged. Forewing white faintly tinged with reddish ochreous, and very slightly irrorated with fuscous, the costal area pure white, narrowing to apex. Hindwing creamy white. Underside uniform creamy white.

Hab. **Tunis**, Tozeur (Champion), 1 ♀ type. *Exp.* 22 mill.

5057a. *Enispa albida* n. sp.

Head and thorax white ; antennae brown except above ; frons and palpi black-brown ; abdomen white tinged with ochreous brown ; pectus and legs white tinged with ochreous brown. Forewing irrorated with some ochreous brown and black scales ; an ill-defined antemedial mark on costa formed by black scales ; a small discoidal spot formed by black scales with a diffused dark mark above it on costa ; a slight diffused dark postmedial mark on costa ; a subterminal black point above vein 7 and a slight diffused mark at discal fold ; some black points on termen. Hindwing white irrorated with ochreous brown and black ; a slight discoidal mark formed by black scales and some slight black points on termen. Underside white tinged with ochreous brown and irrorated with dark brown.

Hab. **Gold Coast**, Kumasi (Sanders), 1 ♀ type ; **Br. C. Africa**, Mt. Mlanje (Neave), 1 ♂. *Exp.* 14 mill.

5061a. *Enispa rufapicia* n. sp.

♂. Head and thorax white ; antennae rufous except towards base ; palpi tinged with rufous ; abdomen white, tinged with rufous except towards base ; pectus, legs, and ventral surface of abdomen white, the forelegs tinged with rufous. Forewing white, the costa rufous to end of cell, then the whole apical area suffused with bright rufous to termen at vein 2 ; minute black subbasal, antemedial, and medial points on costa ; postmedial line rufous, strongly angled outwards below costa, then oblique to middle of inner margin, some minute white points beyond it on costa ; an oblique white subterminal line defined on each side by rufous from below apex to inner margin ; a terminal series of black points defined on inner side by white ; cilia rufous mixed with some white. Hindwing white tinged in parts with pale red-brown leaving a white terminal band ; a rather diffused oblique rufous antemedial line and a similar less distinct postmedial line ; a pale red-brown subterminal shade ; some slight rufous

striae on termen towards apex; cilia tinged with pale red-brown. Underside of forewing white, suffused with reddish brown except on inner area; hindwing creamy white with the ante- and postmedial lines faint.

Hab. Ceylon, Peradeniya (Green), 1 ♂ type. *Exp.* 14 mill.

GENUS *Trogocraspis* nov.

Type: *T. durbanica*.

Proboscis aborted and minute; palpi porrect, extending about the length of head, the 2nd joint fringed with hair above except at base, the 3rd minute and thickly scaled; frons with rounded prominence thickly clothed with scales; eyes large, round; antennae of male somewhat laminate and slightly ciliated; thorax clothed almost entirely with scales and without crests; fore and mid tibiae moderately fringed with scales and the 1st joint of tarsi with small tufts of scales above, the hind tibiae strongly tufted with scales towards extremity and the 1st joint of tarsus with large tuft of scales above; abdomen with some rough hair at base of dorsum but without crests. Forewing with the costa slightly excised at middle and arched towards apex, which is produced to a rather rounded lobe, the termen excised below apex and strongly excurved at middle; then again excised, not crenulate; veins 3, 4 stalked; 5 from just above angle of cell; 6 from below upper angle; 7, 8, 9, 10 stalked; 11 from cell. Hindwing with the termen excurved at vein 7, then excised, produced and somewhat falcate at vein 3, then again excised and excurved at vein 2; the cell about one-third length of wing; veins 3, 4 stalked; 5 nearly fully developed from below middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Cautaeschna* in the forewing having veins 3, 4 stalked.

5072a. *Trogocraspis durbanica* n. sp.

♂. Head white slightly tinged with rufous; thorax and abdomen rufous excised with some white and a few dark brown scales. Forewing with the basal area grey-white with a small red-brown spot at base of costa and its outer edge oblique, the rest of wing rufous irrorated with a few dark brown scales; traces of a brown antemedial line; an indistinct diffused brown medial line, oblique to subcostal nervure, then erect; an oblique black brown discoidal striga; postmedial line oblique and white to vein 6, then faint and waved, oblique below vein 4; a triangular grey-white patch on costal area before the subterminal series of black-brown points, angled outwards at middle; a brown terminal line. Hindwing grey-white suffused with rufous except on costal and inner areas and irrorated with a few dark brown scales; oblique dark brown medial and postmedial lines and some dark subterminal marks from vein 4 to tornus; a fine dark brown terminal line. Underside white suffused with red-brown and irrorated with dark brown; forewing with oblique dark medial line, oblique waved postmedial line, and subterminal series of dark spots defined on inner side by diffused white and excurved at middle; hindwing with diffused dark medial line excurved by vein 4; minutely waved postmedial line with a dark shade beyond it, and subterminal series of blackish spots with a whitish shade before them and incurved at discal fold.

Hab. Natal, Durban (Gueinzus), 1 ♂ type. *Exp.* 26 mill.

5086a. *Eublemma rufolineata* n. sp.

♀. Head and thorax white, the tegulae, antennae, and palpi suffused with rufous; abdomen white tinged with rufous; pectus, legs, and ventral surface of abdomen white suffused with rufous. Forewing white tinged with rufous; an indistinct diffused brownish antemedial line, incurved in the cell, angled outwards at median nervure, then oblique; an oblique brownish bar from middle of costa and bright rufous line from cell to inner margin; a bright rufous point in discal fold beyond the cell; postmedial line faint, brownish, excurved to vein 4; subterminal line white, oblique from apex, then slightly waved, some rufous suffusion before it at discal fold, excurved to near termen above and below vein 4, where there is some red-brown before it, and with some brown suffusion beyond it in submedian interspace; a fine brown terminal line. Hindwing white tinged with rufous, the terminal area tinged with brown; a strong incurved deep rufous medial line with some deep rufous irroration between it and the faint diffused red-brown postmedial line; subterminal line whitish defined on inner side by a rather maculate chocolate-brown shade, excurved to near termen at veins 4, 3; a fine brown terminal line. Underside white tinged with rufous, the hindwing with the terminal area suffused with brown to vein 2.

Hab. Louisiade Is., St. Aignan (Meek), 1 ♀ type. Exp. 20 mill.

5107a. *Eublemma melasma* n. sp.

♀. Head, thorax, and abdomen white suffused with brown; antennae dark brown; pectus, legs, and ventral surface of abdomen white tinged with rufous. Forewing white suffused with red-brown; a subbasal black point on costa; antemedial line straight, dark, sinuous, with a black point at costa; a minute black spot at middle of cell and round black discoidal spot; medial line indistinct, dark, excurved beyond the cell; postmedial line indistinct, blackish, sinuous; traces of a curved subterminal line. Hindwing white suffused with reddish brown; a blackish line from lower angle of cell to inner margin; a faint dark postmedial line; subterminal line defined on inner side by a rather diffused blackish line and on outer by blackish points, slightly sinuous; a terminal series of blackish points. Underside whitish suffused and irrorated with brown.

Hab. N. Nigeria, Zungeru (Simpson), 1 ♀ type. Exp. 16 mill.

5124a. *Eublemma rufimixta* n. sp.

Head, thorax, and abdomen grey mixed with black-brown, the thorax behind the tegulae and base of abdomen tinged with rufous; antennae black-brown, ringed with whitish towards base; pectus, femora, and ventral surface of abdomen whitish; tarsi black-brown ringed with white. Forewing grey mixed with black-brown and more or less strongly suffused with rufous, the medial area and a patch at middle of postmedial area more strongly suffused; subbasal and antemedial lines black-brown expanding into triangular spots at costa, the former ending at submedian fold, the latter waved; a minute red-brown point in middle of cell, a rather figure-of-eight-shaped discoidal spot with whitish points in upper and lower parts; medial line with triangular black spots at costa, then red-brown, excurved beyond the cell and waved below it; postmedial line black slightly defined on outer side by white, expanding into

a triangular mark at costa, then curved, slightly incurved at discal fold and angled inwards at submedian fold, some whitish points with black between them beyond it on costa; subterminal line black slightly defined on outer side by white, dentate; a rufous mark before it above vein 6; a lunulate black terminal line. Hindwing grey suffused with brown and irrorated with black, the terminal area dark slate-grey, the submedian fold pale; small medial black spots below end of cell and above inner margin; postmedial line black, sinuous, arising at vein 6 and interrupted at submedian fold; subterminal line blackish defined on inner side by whitish and with some rufous suffusion before it at middle, dentate; the terminal area sometimes tinged with rufous below vein 4; a terminal series of black striae; cilia with some rufous at base and towards tornus. Underside whitish; forewing suffused with red-brown except on inner area; hindwing with the costal area irrorated with red-brown, a postmedial series of minute dark streaks on the veins and diffused subterminal line.

Ab. 1. Thorax, base of abdomen, and the forewing to the postmedial line and the patch beyond it at middle bright rufous.

Hab. **Br. C. Africa**, Mt. Mlanje (Neave), 1 ♂, 2 ♀ type; **Portuguese E. Africa**, near Mt. Mlanje (Neave), 1 ♀. *Exp.* 20–24 mill.

5151a. *Eublemma pyrochroa* n. sp.

♂. Head, thorax, and base of abdomen white mixed with some purplish pink, the rest of abdomen bright fiery red mixed with some white; antennae white tinged with pale red-brown. Forewing white mixed with purplish pink, the costal area almost entirely white, the terminal area almost entirely fiery red except at costa; an indistinct fiery red antemedial line, excurved at submedian fold; an indistinct fiery red medial line, excurved beyond the cell; postmedial line fiery red slightly defined on outer side by white, excurved to vein 4 with a slight inward curve at discal fold, then sinuous; a subterminal series of black points defined on inner side by white, incurved at discal fold; a fine whitish line at base of cilia. Hindwing purplish pink mixed with some white especially towards base, the terminal area fiery red, the costal area white to near apex, the inner margin white; an indistinct reddish line from lower angle of cell to inner margin and curved postmedial line; a subterminal series of black points slightly defined on inner side by whitish; a fine whitish line at base of cilia. Underside white; forewing tinged with rufous and irrorated with red-brown except on inner area; hindwing with the terminal area irrorated with red-brown.

♀. Wings bright fiery purplish red with hardly any whitish except at base of forewing and on costal area of both wings.

Ab. 1. Forewing white mixed with red-brown, the costal area white; hindwing rufous mixed with some white.

Hab. **Gold Coast**, Bibianaha (Spurrell), 1 ♀, Kumasi (Sanders), 1 ♂ type; **Br. C. Africa**, Ruw Valley (Neave), 1 ♀. *Exp.* 22–24 mill.

5170a. *Eublemma hemichiona* n. sp.

♂. Head, thorax, and abdomen pure white; antennae brown. Forewing pure white to the medial line with an antemedial black and rufous point at costa; medial line black, slightly angled outwards at discal and submedian folds, a dark brown band beyond it with some purple-grey mixed, a fiery red

patch at costa and slight fiery red mark at inner margin, defined on outer side by a sinuous blackish line with a white patch beyond it at costa and red-brown marks beyond the angles of cell; subterminal line whitish defined on inner side by purple-brown suffusion and with some rufous at costa, angled outwards at vein 7, excurved at middle and incurved above and below middle, a black spot beyond it below costa and points above and below submedian fold; the terminal area pale purple-grey with a series of red-brown points on termen; cilia white. Hindwing pure white, the terminal area tinged with brown except towards tornus; a terminal series of dark-brown points; cilia white. Underside white; forewing suffused with brown except on inner area, the costal area white tinged with rufous to beyond middle, then with two white spots.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♂ type. *Exp.* 20 mill.

5173a. *Eublemma flavibasis* n. sp.

♀. Head, thorax, and abdomen pale red-brown tinged with grey, the last with some whitish at base; pectus, legs, and ventral surface of abdomen white, the tarsi and extremity of abdomen suffused with red-brown. Forewing with the basal area yellow tinged with rufous to middle of costa and on inner margin to well before middle; medial line black slightly defined on inner side by white, sinuous, defining the basal area; the terminal half deep purplish red mixed with some grey-brown; an oblique whitish subterminal line defined on outer side by slight black points. Hindwing yellowish red-brown slightly mixed with whitish; cilia pale red-brown, whitish at tips. Underside of forewing red-brown; hindwing yellowish tinged with red-brown, the terminal half of costal area suffused with rufous.

Hab. Br. E. Africa (Hinde), 1 ♀ type. *Exp.* 20 mill.

5213a. *Eublemma flavescens* n. sp.

♂. Head, thorax, and abdomen white tinged in parts with yellow, especially the outer edge of patagia and the dorsum of abdomen except towards base; antennae and palpi ochreous yellow; pectus, legs, and ventral surface of abdomen white, the tibiae and tarsi tinged with ochreous yellow. Forewing white suffused with yellow; an ill-defined slightly waved white antemedial line; the medial area yellower except towards costa, its outer edge representing the medial line, slightly incurved at discal and submedian folds and with a broad diffused white area beyond it; a slight oblique black discoidal bar; the postmedial line absent; traces of a whitish subterminal line, excurved below vein 7 and at middle. Hindwing white tinged with yellow, the terminal area tinged with brownish yellow to vein 2. Underside white; forewing suffused with brownish yellow except on inner area; hindwing tinged with yellow.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♂ type. *Exp.* 18 mill.

5283a. *Eublemma exanimis* n. sp.

♂. Head, thorax, and abdomen white tinged with rufous; antennae pale rufous, brown towards tips. Forewing silvery white, the basal half tinged with pale rufous; an oblique pale rufous subterminal shade arising from apex, with some black scales on it from costa to vein 6 and a short black streak at discal

fold. Hindwing silvery white, tinged with pale rufous towards base and on apical area. Underside white, the forewing irrorated with red-brown except on inner area.

Hab. Br. C. Africa, Mlanje Plateau, 6,500 ft. (Neave), 1 ♂ type. *Exp.* 16 mill.

5310a. *Holocryptis albida* n. sp.

♂. Head, thorax, and abdomen pure white; frons, palpi, and forelegs tinged with red-brown. Forewing white; a black point in the cell towards extremity and minute subterminal points above and below vein 5. Hindwing white tinged with red-brown; a faint curved white postmedial band and narrow terminal band. Underside of forewing suffused with brown; hindwing white, the costal area and terminal area to vein 2 suffused with pale red-brown, a slight curved brown postmedial line defined on outer side by white to vein 2.

Hab. Gold Coast, Bibianaha (Spurrell), 1 ♂ type. *Exp.* 12 mill.

5314a. *Haemaphysbia phaeomicta* n. sp.

Wings with the termen slightly crenulate.

♀. Head, thorax, and abdomen white faintly tinged with red-brown and mixed with dark brown; antennae whitish tinged with red-brown; palpi black-brown, the 2nd and 3rd joints whitish at extremities; pectus, legs, and ventral surface of abdomen white tinged with brown, the legs irrorated with dark brown. Forewing white tinged with red-brown and mixed with dark brown; a dark subbasal striga from costa; antemedial line dark brown, sinuous; two rather diffused waved dark brown medial lines; postmedial line indistinct, dark, curved and slightly waved, a black-brown mark beyond it between veins 5 and 3 and some white points on costa with dark brown between them; a faint slightly waved whitish subterminal line defined on outer side by small black-brown spots in the interspaces; a series of small black-brown spots before termen. Hindwing white tinged with reddish brown and irrorated with black-brown; two indistinct sinuous blackish medial lines; postmedial line indistinct, blackish, minutely dentate to vein 2, slightly angled inwards at discal fold and incurved at submedian fold; an indistinct waved whitish subterminal line defined on outer side by black scales; a crenulate dark terminal line forming minute black spots at the interspaces. Underside white tinged with red-brown and irrorated with dark brown; hindwing with faint dark ante- and post-medial lines, the latter incurved at submedian fold, and traces of a waved subterminal line.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 24 mill.

5316a. *Toana excisa* n. sp.

Antennae of male with scale-teeth at the joints and fasciculate cilia; hindwing with the termen strongly excised at discal fold.

Head, thorax, and abdomen dark brown mixed with white, the last with dark segmental lines except towards base; pectus, legs, and ventral surface of abdomen with more white, the tarsi dark brown ringed with white. Forewing dark brown mixed with white; a black-brown subbasal bar from costa; ante-

medial line black-brown ; double towards costa, excurved to median nervure, then incurved ; medial line indistinctly double, dark brown filled in with white, waved ; a black-brown discoidal spot ; postmedial line double, black-brown filled in with white, oblique to vein 7, excurved to discal fold, then incurved and excurved at submedian fold ; the costal area deep chocolate-brown with three oblique white striae from costal towards the subterminal line, which is white broadly defined on inner side by chocolate-brown, excurved below vein 7 and at middle ; a terminal series of small black spots defined on inner side by white striae ; cilia dark brown. Hindwing white mixed with reddish brown, the terminal half of inner area chocolate-brown mixed with white ; postmedial line white defined on each side by chocolate-brown marks, arising at discal fold, sinuous ; subterminal line whitish defined on inner side by chocolate-brown, sinuous, a small dark-brown spot defined on outer side by white before it at inner margin ; three small black spots defined on inner side by white striae on termen between discal and submedian folds. Underside grey-white suffused with brown ; forewing with white points on terminal half of costa ; hindwing with dark discoidal bar and faint sinuous brown postmedial line with small white spot beyond it on termen at discal fold.

Hab. Jamaica, Constant Springs (Walsingham), 1 ♂ type, Balaclava (Cockerell), 1 ♀. *Exp.* 12 mill.

3156*b*. *Toana perangulata* n. sp.

Forewing with vein 9 absent.

♂. Head and thorax yellow tinged with rufous ; antennae brownish ; palpi dark brown towards tips ; abdomen ochreous with some fiery red at base and brown towards extremity ; pectus, legs, and ventral surface of abdomen yellow tinged with red-brown. Forewing yellow tinged with rufous and irrorated with some brown especially on costal area to end of cell ; a purplish red and brown antemedial striga from costa and oblique line from discal fold beyond middle of cell to inner margin ; postmedial line dark brown and purplish red, very oblique from costa to discal fold well beyond the cell, then inwardly oblique, some fiery red irroration beyond its angle and the veins of terminal area streaked with fiery red ; a terminal series of black striae. Hindwing yellowish irrorated with dark brown and some red especially on costal half ; slight medial dark brown spots at submedian fold and inner margin ; a terminal series of black striae. Underside yellowish tinged with fiery red and irrorated with some dark brown ; forewing with the inner area whitish, a medial black striga from costa, the postmedial line dark brown, ending at submedian fold ; hindwing with black point at lower angle of cell, postmedial line brown with small black spots at costa and discal fold, where it is acutely angled outwards, oblique towards costa and inner margin.

Hab. Ceylon, Kandy (Mackwood), 1 ♂ type. *Exp.* 18 mill.

5319*a*. *Toana flaviceps* n. sp.

Head and tegulae yellow tinged with red-brown ; thorax and abdomen grey-brown ; pectus, legs, and ventral surface of abdomen whitish suffused with brown. Forewing uniform glossy grey-brown with a small black spot at lower

angle of cell and blackish point at upper angle. Hindwing uniform glossy grey-brown. Underside uniform grey-brown with a reddish-brown tinge.

Hab. **Br. E. Africa**, Kikuyu Escarpment, Ibea (Doherty), 1 ♂, 2 ♀ type. *Exp.* 16 mill.

GENUS *Lophocerynea* nov.

Type: *Phanaspa punctata* Beth. Baker.

Proboscis fully developed; palpi upturned, the 2nd joint reaching to vertex of head, slightly fringed with hair in front and fringed with hair behind towards extremity, the 3rd moderate, oblique; frons smooth, with ridge of hair above; eyes large, round; antennae of male with bristles and cilia; thorax clothed almost entirely with scales and without crests; tibiae smoothly scaled; abdomen with dorsal crest at base only. Forewing with the apex somewhat produced and acute, the termen evenly curved, crenulate; vein 3 from well before angle of cell; 5 from just above angle; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hindwing with veins 3, 4 from angle of cell; 5 nearly fully developed from well above angle; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Eustrotia* in the 2nd joint of palpi being fringed with hair behind at extremity.

GENUS *Neocerynea* nov.

Type: *Capnodes sabulosa* Schaus.

Proboscis fully developed; palpi upturned, the 2nd joint reaching to vertex of head, moderately scaled in front and slightly fringed with hair behind at extremity, the 3rd moderate, oblique and thickly scaled; frons smooth, with ridge of hair above; eyes large, round; antennae of male minutely serrate and with fasciculate cilia, the shaft somewhat thickened at base; thorax clothed almost entirely with scales; the prothorax with large oblique flattened crest, the metathorax with boss-like crest formed of metallic scales; fore coxae, femora, and tibiae fringed with long hair, the mid tibiae fringed with long hair on outer side, the hind tibiae smoothly scaled; abdomen smoothly scaled and without crests. Forewing with the apex rounded, the termen evenly curved and not crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hindwing with veins 3, 4 from angle of cell; 5 nearly fully developed from below middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Eulocastra* in the prothorax having an oblique flattened crest.

5328a. ***Cerynea albivitta* n. sp.**

♀. Head, thorax, and abdomen red-brown tinged with purplish grey, the anal tuft white at sides; antennae dark brown; frons, palpi, and forelegs black-brown; pectus, mid- and hindlegs, and ventral surface of abdomen white tinged with red-brown. Forewing red-brown suffused with purplish grey and slightly irrorated with black; antemedial line slight, black with a whitish point at costa, incurved at vein 1; a rounded black discoidal spot with some white and

red-brown scales on it; postmedial line black with a white point at costa, strongly bent outwards below costa, then minutely dentate and produced to white points at the veins and a dentate white mark at vein 6, incurved below vein 3, some white points with blackish between them beyond it on costa, then a faint pale line defined on outer side by diffused black to vein 4, slightly incurved at discal fold and oblique below vein 4; a crenulate black terminal line forming minute black spots at the interspaces. Hindwing red-brown suffused with purple-grey and slightly irrorated with black; a black discoidal bar with dark shade from it to inner margin; a curved waved black postmedial line with white points beyond it on the veins; a faint pale subterminal line; a fine waved black terminal line forming minute black spots at the interspaces. Underside grey suffused with fuscous; both wings with blackish discoidal bars and curved minutely waved postmedial line.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 22 mill.

5337. *Cerynea pallens* n. sp.

Patagia of male with tuft of long scales; fore tibiae normal and slightly fringed with hair.

♂. Head, thorax, and abdomen white tinged with rufous; antennae blackish, ringed with white towards base; frons and palpi blackish mixed with some white, the latter white at tips; fore femora and tibiae black. Forewing white tinged with rufous especially on costal and terminal areas; a faint blackish antemedial line; a black point in middle of cell and blackish discoidal bar; postmedial line blackish slightly defined on outer side by white, strongly bent outwards and almost obsolete below costa, then oblique and very slightly waved, somewhat incurved at vein 2; subterminal line white defined on outer side by black, minutely dentate, slightly angled outwards at vein 7, incurved at discal fold and oblique below vein 4; an oblique blackish mark from apex and terminal series of black points. Hindwing white tinged with rufous especially on terminal area and slightly irrorated with black; a small black discoidal spot; postmedial line white defined on inner side by black scales and by black points at discal and submedian folds, sinuous; subterminal line white defined on outer side by black points and with a black spot at tornus, waved; a terminal series of black points. Underside white tinged with rufous especially on costa and terminal areas; forewing with black discoidal point, the postmedial line with black points from below costa to discal fold, then faint, the subterminal line whitish; hindwing with black discoidal bar, the postmedial line faint with blackish points at discal and submedian folds, the subterminal line indistinct, brownish.

Hab. Solomon Is., Sudest I. (Meek), 1 ♂ type. *Exp.* 20 mill.

GENUS *Callorufa* nov.

Type: *Corytha pulchra* Beth. Baker.

Proboscis fully developed; palpi upturned, the 2nd joint reaching to about middle of frons, broadly and triangularly scaled, the scales produced to a point below, the 3rd joint set on rather at an angle, long and rather dilated with scales except at base; frons smooth; antennae of male minutely ciliated; thorax clothed almost entirely with scales and without crests; tibiae smoothly scaled;

abdomen with small dorsal crests except on terminal segments. Forewing short and broad, the apex rounded, the termen evenly curved. crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hindwing with the termen crenulate, the tornus rounded; veins 3, 4 shortly stalked; 5 nearly fully developed from above angle of cell; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Amyna* in the palpi having the 2nd joint triangularly scaled.

5364a. *Oruza dolichognatha* n. sp.

♀. Head, thorax, and abdomen whitish suffused with pale reddish brown. Forewing whitish tinged and irrorated with pale red-brown to middle and on costal area to apex, the rest of medial area suffused with grey-brown, the area beyond the postmedial line whiter with some grey-brown suffusion at middle; antemedial line slight, blackish, interrupted, incurved in the cell and sinuous below it; a black point in middle of cell; reniform white defined at sides by black, its centre irrorated with red-brown, a short blackish streak beyond it in discal fold; postmedial line blackish, slightly excurved below costa, then incurved, excurved between veins 5 and 3, then again incurved, some slight blackish marks beyond it on costa; subterminal line white defined on outer side by grey-brown and with dentate black marks before it above and below vein 7, excurved at middle, then incurved and ending at tornus; an oblique brownish shade from apex; a series of black points before termen defined on outer side by white; a fine dark terminal line. Hindwing whitish tinged and irrorated with red-brown, the costal half greyer; postmedial line chocolate-brown, slightly excurved to discal fold, then slightly incurved and with narrow creamy white band on its outer side, two faint brown lines just before it; traces of a waved whitish subterminal line; a series of black points before termen and a fine dark terminal line. Underside whitish, forewing suffused and irrorated with red-brown, a minute black discoidal spot defined by whitish, an indistinct brown postmedial line excurved below costa, and series of blackish points before termen; hindwing tinged with red-brown and irrorated with brown except on inner area, a black discoidal spot, indistinct curved postmedial line, faint subterminal shade, and series of black points before termen.

Hab. S. Nigeria, Niger R. (Dudgeon), 1 ♀ type. *Exp.* 32 mill.

5379a. *Oruza chionocraspis* n. sp.

Head, thorax, and abdomen chocolate red-brown, a silvery white band behind the tegulae; antennae dark brown; pectus, mid and hind legs, and ventral surface of abdomen white tinged with red-brown. Forewing chocolate red-brown with a slight greyish tinge on terminal area; a silvery white fascia on costa, narrowing to apex and leaving the costal edge red-brown; the basal area with some fiery red; antemedial line rather diffused, dark with some grey on it, arising below the costal fascia, slightly sinuous and oblique to vein 1; a small dark discoidal spot; postmedial line rather diffused dark brown with a fine white line on it, arising below the costal fascia, slightly excurved below

discal fold and incurved below vein 3; an indistinct, slightly waved greyish subterminal line defined on outer side by blackish points; a terminal series of black points. Hindwing chocolate red-brown with a slight greyish tinge on terminal area; a faint oblique dark discoidal bar; postmedial line fine, white defined on inner side by brown, slightly waved, excurved beyond lower angle of cell; a subterminal series of blackish points and terminal series of black points; the hair on inner margin whitish; the underside whitish tinged with red-brown, the costa and terminal area more suffused with red-brown, a small dark, discoidal spot and diffused postmedial line.

Hab. Venezuela, Esteban Valley, Las Quiguas (Klages), 1 ♂, 2 ♀ type. *Exp.* 22 mill.

5390b. *Oenoptera albimacula* n. sp.

♀. Head, thorax, and abdomen red-brown, the last darker; pectus, legs, and ventral surface of abdomen whitish suffused with red-brown. Forewing red-brown mixed with some whitish; a faint sinuous whitish antemedial line; a curved dark medial line, defined on inner side by whitish towards costa; an oblique black discoidal bar defined on outer side by whitish; postmedial line whitish slightly defined on inner side by dark brown, excurved to discal fold, then incurved and touching the lower extremity of the discoidal bar; a red-brown subterminal shade irrorated with some dark scales, interrupted at middle by an oblique whitish patch from discal fold beyond the postmedial line to termen below vein 4. Hindwing whitish suffused with red-brown. Underside whitish tinged with red-brown, the underside with slight brown discoidal bar.

Hab. Panama, La Chorrera (Dolby-Tyler), 1 ♀ type. *Exp.* 12 mill.

5400a. *Lycaugesia rubribasis* n. sp.

♂. Head, thorax, and base of abdomen deep red mixed with some grey, the back of head white, the 2nd segment of abdomen with white line, the terminal half of abdomen grey-brown; antennae brown and whitish; palpi dark brown and white, the extremities of 2nd and 3rd joints white; pectus, legs, and ventral surface of abdomen white faintly tinged with brown. Forewing with the basal and apical areas deep red mixed with some white, the rest of terminal area suffused with brown, the medial area grey-white irrorated with brown; a rather diffused curved red-brown antemedial line; a rather diffused red-brown discoidal spot; postmedial line red-brown, very oblique from middle of costa to discal fold beyond the cell, then less distinct and strongly incurved below vein 4 with a dark point above vein 1, some dark points beyond it on costa; a waved white subterminal line, angled inwards at discal fold, where there is a dark red-brown mark beyond it; a terminal series of dark brown points defined by white. Hindwing with the base deep red mixed with some white, the rest of wing grey-white suffused with brown; a red-brown antemedial line defining the basal area; a slight dentate red-brown postmedial line angled inwards at discal fold; dentate whitish subterminal line, and terminal series of black points. Underside grey-white; forewing suffused with dark brown; hindwing with diffused brown subterminal line.

Hab. Panama, La Chorrera (Dolby-Tyler), 1 ♂ type. *Exp.* 14 mill.

5406b. *Lophocytarra argyropasta* n. sp.

♀. Head and thorax dark purple-brown; antennae whitish ringed with black-brown; abdomen yellow irrorated with dark brown and tinged with rufous towards base; fore legs dark brown, the tarsi yellow; pectus, mid and hind-legs, and ventral surface of abdomen yellow. Forewing yellow, the basal area and costal area to the subterminal line purple-brown irrorated with raised silvery scales; a diffused oblique rufous antemedial line from cell to inner margin; reniform purple-brown with raised silvery scales on it, conjoined to the costal area; medial line with yellow bar from costa, then rufous, angled outwards beyond the angles of cell and defined on outer side by red-brown scales, then incurved; postmedial line dark red-brown with a purple-brown band on its outer side with raised silver scales on it to vein 3, excurved below costa, below vein 3 diffused rufous with some silver scales on it and incurved; some deep rufous on costa with two slight yellow marks on it before the slight diffused rufous subterminal line ending at vein 4; a series of red-brown points before termen except towards apex. Hindwing yellow; diffused rufous antemedial and medial lines conjoined below the cell, the latter somewhat angled outwards beyond angles of cell; a diffused curved rufous postmedial line with some silver scales on it; traces of a rufous subterminal line to vein 3; a series of red-brown points before termen. Underside yellow; forewing with the purplish markings of upperside replaced by grey-brown.

Hab. **Br. C. Africa**, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 20 mill.

5406c. *Syngatha semipurpurea* n. sp.

♀. Head, thorax, and abdomen deep purplish red; pectus, legs, and ventral surface of abdomen pale yellow. Forewing with the basal half and the costal area to near apices extending to the discal fold to the subterminal line deep purplish red irrorated with silvery scales; a tuft of raised dark brown scales in middle of cell and a discoidal bar; postmedial line yellow on the purple area, excurved beyond the cell, then incurved and only defined by purplish red scales, some slight yellow spots beyond it on costa; subterminal line represented by the sinuous outer edge of the purplish red area to discal fold, then diffused purplish red, some slight diffused rufous beyond it between discal fold and vein 3; a terminal series of minute red-brown points. Hindwing deep purple-red to beyond middle, its outer edge oblique to vein 5, then curved, the terminal area yellow; a terminal series of minute red-brown points from below apex to vein 2. Underside with the purple areas replaced by dark grey-brown.

Hab. **Portuguese E. Africa**, Ruvo Valley (Neave), 1 ♀ type. *Exp.* 20 mill.

5417a. *Hyposada devia* n. sp.

♀. Head, thorax, and abdomen rufous irrorated with fuscous, the last with black patch at base of dorsum; antennae ringed with black; palpi with the basal half black; pectus, legs, and ventral surface of abdomen rufous, the fore-legs suffused with black. Forewing rufous slightly irrorated with black; an antemedial black point on costa and faint dark line angled outwards below costa, then oblique; a black point in middle of cell and small discoidal spot; a faint dark shade from costa towards apex to inner margin before middle; a

faint oblique waved medial line from cell to inner margin ; postmedial line faint, pale, slightly angled outwards below costa, then oblique and slightly waved, a black point on it at discal fold, defining the outer edge of the shade below vein 4 ; some black points on terminal half of costa ; a subterminal series of black points, excurved below vein 7 and at middle, then oblique ; a terminal series of black points. Hindwing rufous irrorated with black : a black point at lower angle of cell ; postmedial line ochreous, angled outwards below costa, then oblique and very slightly waved, with black points on its inner side below costa and at discal fold ; a faint pale subterminal line defined on outer side by black points, angled outwards at vein 6, then oblique ; a terminal series of black points. Underside pinkish rufous ; forewing suffused with fuscous ; hindwing with two black discoidal points, faint oblique postmedial line, and fuscous subterminal shade.

Hab. Br. N. Guinea, Kumusi R. (Meek), 1 ♀ type. *Exp.* 20 mill.

5417c. *Hyposada carneotincta* n. sp.

♀. Head, thorax, and abdomen ochreous tinged with pinkish rufous. Forewing ochreous tinged with pinkish rufous especially on costal area and inner half of terminal area ; a minute dark point at lower angle of cell ; postmedial line indistinct, oblique, rufous, very slightly excurved at vein 4 ; a slight dark subterminal spot at discal fold and fine pale waved line from vein 4 to inner margin with slight dark spots on its outer side below veins 4, 3, 2. Hindwing ochreous tinged with pinkish rufous ; a small fuscous spot at lower angle of cell ; a broad oblique deep pinkish rufous medial shade, with the faint fuscous postmedial line near its outer edge ; an indistinct pale waved subterminal line defined on inner side by a slight pinkish rufous shade and on outer by small fuscous spots ; a slight rufous terminal line. Underside ochreous tinged with flesh colour, the forewing suffused with brown.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 24 mill.

5429b. *Arcana baliensis* n. sp.

♀. Head, thorax, and abdomen grey tinged with red-brown and slightly irrorated with dark brown ; pectus and ventral surface of abdomen rather whiter. Forewing grey tinged with red-brown and irrorated with dark brown ; a curved blackish subbasal striga from costa ; an indistinct diffused waved blackish antemedial line with small brown spot at costa ; medial line strong, red-brown, oblique to upper angle of cell, then incurved ; a curved dark discoidal bar defined on outer side by whitish ; postmedial line brown defined on outer side by whitish, oblique to vein 6, incurved at discal fold, excurved to vein 3, then retracted to below end of cell and angled outwards at vein 1 ; the postmedial area suffused with rufous to vein 5, the costal edge dark brown with two whitish points at costa ; subterminal line red-brown, slightly waved, excurved at middle and incurved below vein 3, some rufous suffusion beyond it at middle ; a terminal series of small red-brown spots with whitish spots beyond them at base of the cilia, which are rufous. Hindwing red-brown tinged with grey and slightly irrorated with dark brown, the costal area paler ; an obliquely incurved deep-red antemedial line from below costa to inner margin ; an oblique dark-brown discoidal bar ; postmedial line brown defined on outer side by whitish, excurved

below costa, slightly angled outwards at vein 4, then incurved; a subterminal series of small rather dentate dark spots; excurved at middle; a fine dark brown terminal line with some whitish beyond it at base of the cilia, which are deep rufous. Underside whitish tinged with rufous and irrorated with dark brown; forewing with black point in middle of cell and discoidal bar, brown medial line, postmedial line brown defined on outer side by whitish, excurved below costa, incurved at discal fold and below vein 4, a waved whitish subterminal line defined on outer side by dark marks, excurved at middle. Hindwing with indistinct brown antemedial line, oblique black discoidal bar, dark brown postmedial line, excurved below costa and at middle, incurved at discal fold and sinuous towards inner margin, a terminal series of black points.

Hab. Bali (Doherty), 1 ♀. *Exp.* 30 mill.

5429e. *Aroana porphyria* n. sp.

Head, thorax, and abdomen bright rufous; antennae dark except towards base; palpi darker towards tips; pectus and ventral surface of abdomen pale. Forewing bright purplish rufous; subbasal black-brown points on costa and in the cell; a red-brown shade before the antemedial line, which is red-brown defined on inner side by whitish and somewhat oblique towards costa and inner margin; a red-brown medial shade, excurved below costa; a narrow black discoidal lunule; postmedial line red-brown, oblique to vein 6, incurved at discal fold, angled outwards at vein 4, then oblique to below end of cell and sinuous to inner margin; a deep rufous triangular patch on postmedial area from costa to vein 4 with two white points at costa; subterminal line red-brown, oblique to discal fold, then waved and excurved at middle, a slight whitish mark on its outer side at costa and some dark brown suffusion beyond it at middle; a terminal black-brown line; cilia deep rufous. Hindwing bright purplish rufous; a diffused oblique red-brown medial line with a black point beyond it at lower angle of cell; a sinuous red-brown postmedial line, slightly angled outwards at vein 4; a waved red-brown subterminal line, double to vein 4 and with some deep rufous suffusion beyond it at middle; a fine black terminal line; cilia deep rufous. Underside whitish; forewing with the disk suffused with fiery red, the costal and terminal areas irrorated with brown, a sinuous brown medial line obsolete on inner area, round black discoidal lunule, brown postmedial line oblique to below vein 7, incurved at discal fold, oblique below vein 4 and somewhat angled inwards at vein 2, the costa beyond it with alternating dark and white marks, a double waved brown subterminal line oblique to vein 6; hindwing irrorated with brown, an indistinct brown antemedial line, two black discoidal points, a sinuous brown postmedial line, and punctiform black terminal line.

Hab. Travancore, Pirmád (Mrs. Inray), 1 ♂; *Ceylon* (Pole), 1 ♂, 1 ♀ type, Kandy (Pole), 1 ♀. *Exp.* 26 mill.

5458a. *Corgatha chionocraspis* n. sp.

♀. Head, thorax, and abdomen red-brown, the tegulae mostly white; palpi, pectus, legs, and ventral surface of abdomen white mixed with rufous. Forewing red-brown irrorated with some silvery and blackish scales; a white fascia on costa, the terminal area with some white mixed; antemedial line indistinct,

dark defined on inner side by some white, sinuous; a faint dark discoidal bar; postmedial line blackish defined on outer side by white, excurved to vein 4, then incurved; traces of a blackish subterminal line; the termen with some diffused black. Hindwing red-brown mixed with some white and irrorated with blackish, the costal area whitish to beyond middle, the inner area white; a blackish discoidal point; postmedial line faint, blackish defined on outer side by white, sinuous; the termen with some diffused blackish. Underside white, tinged in parts with red-brown.

Hab. Natal, Tugela R., Bond's Drift (Reynolds), 1 ♀ type. *Exp.* 18 mill.

5467a. *Corgatha xanthobela* n. sp.

♀. Head, thorax, and abdomen pinkish yellow suffused with red-brown; antennae blackish. Forewing purple-brown with a slight silvery gloss, the costal area pinkish yellow to near apex; ante- and postmedial lines orange-yellow, straight and almost erect, arising below the costa, the veins beyond the latter streaked with yellow; subterminal line orange-yellow, arising below the costa, slightly excurved at veins 7 and 6, angled outwards to near termen at vein 4, then strongly dentate. Hindwing purple-brown with slight silvery irroration, the inner margin pale yellow to beyond middle; an oblique orange-yellow discoidal bar; postmedial line orange-yellow, slightly curved, the veins beyond it streaked with yellow; subterminal line orange-yellow, oblique to vein 5, then dentate. Underside yellowish tinged with red.

Hab. Philippines, Luzon, Mt. Makiling (Baker), 1 ♀ type. *Exp.* 24 mill.

5481a. *Corgatha ochrida* n. sp.

♀. Head, thorax, and abdomen brownish ochreous irrorated with fuscous; tarsi black ringed with white. Forewing ochreous tinged with rufous and irrorated with blackish; a faint sinuous dark antemedial line; a minute blackish point in middle of cell and small black spot at lower angle; a faint dark medial line, rather oblique from subcostal nervure to vein 2, then incurved and waved; an indistinct dark postmedial line, oblique to below vein 7, incurved at discal fold, angled outwards at vein 4, then incurved and waved; a faint waved black subterminal line; a terminal series of minute black spots. Hindwing ochreous tinged with rufous and irrorated with blackish; a minute blackish spot at lower angle of cell; postmedial line indistinct, blackish, curved and waved, diffused on inner side at inner margin; an indistinct somewhat dentate blackish subterminal line; a terminal series of minute black spots. Underside ochreous tinged with rufous and irrorated with blackish; both wings with slight blackish discoidal lunules and curved waved postmedial line.

Hab. Uganda, Unyoro, Bugoma Forest (Neave), 1 ♀ type. *Exp.* 26 mill.

5505. *Abacena rectilinea* n. sp.

♀. Head, thorax, and abdomen pale red-brown tinged with grey; palpi whitish, the hair in front and third joint black; pectus and ventral surface of abdomen whitish tinged with brown; tarsi brown ringed with white. Forewing pale red-brown mixed with some whitish, especially beyond the postmedial line; a faint waved white antemedial line slightly defined on outer side by brown,

inwardly oblique below discal fold; postmedial line white defined on inner side by rather darker brown suffusion, straight and erect, some white points beyond it on costa; subterminal line white defined on inner side by black-brown suffusion, incurved at discal fold and excurved at middle; a black terminal line defined on inner side by white striae, forming a spot at apex. Hindwing pale red-brown mixed with some whitish; a black-brown terminal line. Underside of forewing pale red-brown; hindwing whitish suffused with pale red-brown, a slight dark discoidal striga.

Hab. **Brazil**, Espiritu Santo, 1 ♀ type. *Exp.* 22 mill.

5507a. *Microphaea orientalis* n. sp.

♀. Head, thorax, and abdomen whitish suffused with rufous; antennae tinged with fuscous; palpi and forelegs suffused with black; pectus, mid- and hindlegs, and ventral surface of abdomen whitish tinged with rufous. Forewing whitish tinged with rufous and slightly irrorated with blackish to the postmedial line; the terminal area tinged with fuscous; a slight blackish point in middle of cell and discoidal bar; medial line faint, dark, rather oblique to the discoidal bar, incurved and diffused below the cell; postmedial line indistinct, dark, slightly sinuous, oblique to vein 4, then incurved, some white points with fuscous between them beyond it on costa; subterminal line whitish, excurved below vein 7 and at middle, incurved at discal fold and below vein 3; a slight waved blackish terminal line forming black points at the interspaces; cilia pale rufous. Hindwing whitish tinged with rufous and slightly irrorated with black; blackish points at angles of cell; a slight minutely waved dark postmedial line, defined on outer side by white towards inner margin; a slight blackish shade on termen to vein 6, then becoming subterminal; a terminal series of black points. Underside of forewing whitish suffused with rufous, the costa with white points towards apex; hindwing white, the costal and terminal areas suffused with rufous.

Hab. **Borneo**, Pulo Lant (Doherty), 1 ♀ type. *Exp.* 16 mill.

5524a. *Angitia medioplica* n. sp.

Forewing of male with fold through lower end of cell and above vein 4 to termen, the neururation rather distorted.

♂. Head rufous with some whitish behind the antennae and on frons, the antennae dark brown, the palpi red-brown with some whitish in front and at tips; thorax and abdomen red-brown mixed with some whitish, the anal tuft paler; tarsi dark brown ringed with whitish; ventral surface of abdomen whitish towards base. Forewing red-brown mixed with some whitish; two blackish subbasal striae from costa and a blackish patch above vein 1; ante-medial line indistinct, double, brown, bent outwards at subcostal nervure, then erect and slightly waved, an oblique whitish shade beyond it from costa and a large patch of grey-white suffusion on medial and postmedial areas from the cell and vein 5 to below submedian fold; a black-brown striga on the whitish shade at middle of cell, the reniform defined at sides by black-brown and with whitish point in upper extremity; postmedial line whitish indistinctly defined at sides by brown and with two slight black-brown spots at costa, bent outwards below costa, excurved to vein 4, then incurved, some whitish points beyond

it on costa; subterminal line whitish defined on inner side by black-brown marks between veins 7 and 4 and above vein 1, excurved below vein 7 and at middle; a terminal series of black-brown striae. Hindwing whitish suffused with red-brown; a terminal series of slight brown marks defined by whitish and a fine whitish line at base of cilia; the underside with indistinct curved postmedial brown line.

Hab. Brazil, Amazons, Madeira R. (Moffat), 1 ♂ type. *Exp.* 24 mill.

5534a. *Angitia seminigra* n. sp.

♂. Head and basal half of tegulae grey-white mixed with black-brown, the rest of thorax black mixed with red-brown, the tegulae with black line at middle, the metathorax with whitish patch tinged with red-brown; antennae dark brown, ringed with whitish towards base; frons with lateral black bars; palpi black, the 2nd joint in front and at extremity and the 3rd joint at base and extremity white; abdomen grey suffused with dark brown; pectus, legs, and ventral surface of abdomen white tinged with brown, the tarsi black ringed with white. Forewing with the basal half black with a greyish tinge and slightly mixed with red-brown, the terminal half grey-white tinged with red-brown and with slight dark irroration; a pale waved subbasal line from costa to submedian fold with a black mark beyond it below the cell; antemedial line blackish defined on inner side by diffused whitish forming a patch above vein 1, double at costa, waved; a minute pale spot defined by black in middle of cell and small fan of black scales on discocellulars; medial line black, arising at subcostal nervure, waved; postmedial line indistinctly double, dark filled in by whitish, excurved to vein 4, then incurved to lower angle of cell, then the inner line black and defining the dark area, some pale points with black between them beyond it on costa; subterminal line faint, whitish defined on inner side by minute dentate black marks with a larger mark below costa, slightly waved, incurved at discal fold and below vein 3; a terminal series of black points defined on inner side by whitish; cilia pale red-brown. Hindwing greyish suffused with brown; a dark terminal line; cilia brown mixed with whitish; the underside whitish tinged and irrorated with brown, a dark discoidal spot and postmedial line excurved from below costa to vein 4.

Hab. Venezuela, Esteban Valley, Las Quiguas (Klages), 1 ♂ type. *Exp.* 22 mill.

5534b. *Angitia camptosema* n. sp.

♀. Head, thorax, and abdomen ochreous white mixed with rufous; pectus, legs, and ventral surface of abdomen ochreous tinged with rufous. Forewing ochreous mixed with rufous to end of cell and on costal area to the subterminal line, the rest of wing almost entirely rufous; subbasal line dark brown defined on outer side by white, waved, from costa to vein 1, a rufous shade from it to inner margin; antemedial line brown defined on inner side by ochreous, sinuous to submedian fold, angled inwards at vein 1 and outwards above inner margin; an oblique white striga defined by dark brown in upper part of middle of cell, slightly hooked at extremity; a white discoidal bar defined by dark brown, its upper extremity bent outwards and its lower inwards; postmedial line double, diffused rufous filled in with some ochreous, bent outwards below costa, then

slightly waved, oblique to vein 4, then incurved, some white points beyond it on costa; subterminal line silvery white, oblique to vein 6, incurved at discal fold, angled outwards at vein 4 to termen and ending on termen at vein 1, the area beyond it dark red-brown; cilia ochreous tinged with rufous and with a rufous line at middle. Hindwing ochreous strongly suffused with rufous, the terminal area deep rufous to submedian fold; an indistinct curved rufous post-medial line and subterminal white points below veins 7 and 5; cilia ochreous tinged with rufous. Underside of forewing ochreous tinged with brown, the costal area tinged with rufous, the disk suffused with brown, a white discoidal bar, postmedial line rather diffused brown, incurved below vein 4, a truncate dark brown patch from termen from below vein 7 to below 5 beyond the indistinct whitish subterminal line; hindwing ochreous tinged with rufous and irrorated with red-brown, two sinuous red-brown medial lines, a sinuous red-brown post-medial line and dark brown striae on termen from apex to vein 4.

Hab. Peru, San Domingo (Ockenden), 1 ♀ type. Exp. 24 mill.

GENUS *Hypangitia* nov.

Type: *H. peratopis*.

Proboscis fully developed; palpi porrect, the 2nd joint extending about twice the length of head and fringed with hair above and below, the 3rd moderate and thickly scaled; frons smooth; eyes large, round; antennae of male ciliated; thorax clothed almost entirely with scales and without crests; tibiae slightly fringed with hair; abdomen smoothly scaled and without crests. Forewing with the costa arched towards base, then nearly straight, the apex rounded, the termen rather obliquely curved and not crenulate; vein 3 from well before angle of cell; 5 from just above angle; 6 from just below upper angle; 7, 8 stalked; 9, 10 stalked; 11 from cell. Hindwing with veins 3, 4 from angle of cell; 5 nearly fully developed from below middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs in the forewing having veins 7, 8 stalked and 9, 10 stalked.

5536. *Hypangitia peratopis* n. sp.

♂. Head, thorax, and abdomen grey-white mixed with some red-brown; antennae red-brown ringed with whitish; palpi and fore- and midlegs dark red-brown, the tarsi ringed with whitish. Forewing grey-white slightly irrorated with dark brown, a semicircular area extending on costa from middle to apex and to submedian fold before termen suffused with red-brown; a semicircular deep-chocolate patch on basal costal area, defined below by whitish; two indistinct curved pale red-brown antemedial lines, and two similar medial lines from discal fold at end of cell to inner margin; a down-curved chocolate-brown line from middle of costa to before termen below an apical mark formed by a deep-chocolate spot defined on inner side by a white lunule, two white points before it on costa; a sinuous whitish postmedial line from the curved line to inner margin; the termen below the apical mark white with chocolate-brown striae on it. Hindwing whitish tinged with red-brown, the terminal area strongly suffused with red-brown except towards tornus; faint red-brown postmedial and subterminal lines. Underside of forewing suffused with red-brown; hind-

wing whitish tinged with red-brown especially on costal area, a dark discoidal point and faint brown subterminal shade.

Hab. Paraguay, Sapucay (Foster), 1 ♂ type. *Exp.* 22 mill.

5562a. *Stenoloba umbrifera* n. sp.

♀. Head white with a few black scales, the antennae black, the palpi black-brown to middle of 2nd joint; thorax black-brown mixed with some white; abdomen whitish suffused with fuscous; pectus, legs, and ventral surface of abdomen white mixed with red-brown, the tarsi blackish ringed with white. Forewing white irrorated with black; the basal area suffused with black; two indistinct slightly sinuous black antemedial lines; a rather diffused oblique black medial band, dilated towards costa; a blackish bar in the cell near extremity and small black spots at angles of cell; postmedial line indistinct, blackish, excurved below costa and beyond lower end of cell, then retracted to lower angle of cell and sinuous to inner margin; the postmedial area suffused with blackish to vein 2, with some white points at costa and slight black marks on the veins beyond the postmedial line; subterminal line represented by the outer edge of this blackish area, excurved below vein 7 and between veins 5 and 2, then blackish and incurved; a blackish bar from costa just before apex and slight black marks and short streaks from termen; cilia whitish with a blackish line at middle. Hindwing white suffused with fuscous brown; cilia white with a dark line near base. Underside whitish suffused in parts with brown; hindwing with slight dark discoidal lunules.

Hab. C. China, Chungking (W. R. Brown), 1 ♀ type. *Exp.* 24 mill.

5640a. *Ozarba concolor* n. sp.

♀. Head white mixed with red-brown; thorax and abdomen red-brown with a slight greyish gloss; antennae grey-brown; palpi red-brown, the extremities of 2nd and 3rd joints white; pectus, legs, and ventral surface of abdomen dark red-brown mixed with some white; the tarsi dark brown ringed with white. Forewing glossy red-brown; antemedial line white, very slightly waved and rather diffused on outer side; a slight whitish discoidal bar; postmedial line whitish defined on inner side by brown, excurved to vein 4, then oblique and slightly incurved at submedian fold, some minute white points beyond it on costa; traces of a dark subterminal line, incurved below costa and excurved at middle; a terminal series of blackish points. Hindwing glossy red-brown; a terminal series of blackish points; cilia whitish at tips. Underside of forewing red-brown slightly irrorated with whitish except on disk, a curved dark postmedial line; hindwing whitish thickly irrorated with red-brown, a small dark discoidal spot and curved postmedial line.

Hab. Peru, R. Pacaya, 1 ♀ type. *Exp.* 18 mill.

5658a. *Ozarba chionoperas* n. sp.

♂. Head and thorax deep bright red-brown; antennae blackish; palpi white tinged with rufous except towards base; abdomen yellow tinged with rufous and with dorsal dark-brown bars except towards extremity; pectus, legs, and ventral surface of abdomen white mixed with some rufous, the tarsi blackish

ringed with white. Forewing deep glossy red-brown; a faint pale curved subbasal line from costa to submedian fold; antemedial line indistinct, dark, strongly excurved in submedian interspace and slightly below costa, towards which it is faintly defined on outer side by yellowish; two minute obliquely-placed yellowish spots in middle of cell; reniform with slight yellowish annulus, small; postmedial line with reddish ochreous patch at costa, then blackish faintly defined on outer side by ochreous, excurved below costa, then very slightly waved, incurved below vein 5; an indistinct waved dark subterminal line, defined on outer side by whitish in places; the terminal area with some yellowish; a blackish terminal line; cilia pure white at apex. Hindwing orange-yellow; some dark brown at base on costal area, in submedian fold and streak above basal half of inner margin; a small black discoidal spot; an oblique black-brown subterminal bar from costa; a black-brown terminal line except towards tornus, forming a small patch at apex and an oblique mark at middle; cilia pure white at apex, then dark red-brown mixed with some yellow to vein 1. Underside of forewing golden yellow, whitish towards termen, some black irroration on medial area, a small black discoidal spot and medial and postmedial bars from costa, a large black apical patch extending to vein 4 with a minute yellow spot on costa before apex; hindwing orange-yellow, a small black discoidal spot and postmedial spot on costa, a black apical patch with an oblique projection from its lower side to vein 4 before termen, the black terminal line forming a narrow band in submedian interspace.

Hab. Transvaal, Pretoria (Distant), 1 ♂ type. *Exp.* 24 mill.

5689a. *Ozarba abscondita* n. sp.

Head, thorax, and abdomen greyish suffused with red-brown; fore tarsi dark brown ringed with white. Forewing greyish suffused with red-brown to the postmedial line, then paler and tinged with brown with a dark postmedial patch from costa to discal fold; antemedial line whitish defined on each side by dark brown, inwardly oblique; a faint sinuous dark medial line; a whitish discoidal bar defined on inner side by black-brown; postmedial line white defined on each side by dark brown, oblique to vein 6, angled outwards at veins 6 and 5, then incurved, a black streak beyond it at discal fold to the pale subterminal line faintly defined on inner side by dark brown and slightly waved below discal fold; a small black-brown spot at apex and dark terminal line; cilia whitish at base, dark at tips. Hindwing greyish suffused with brown; a dark terminal line; cilia whitish at base, dark at tips. Underside greyish suffused with red-brown; hindwing with small brown discoidal spot and curved postmedial line.

Hab. Peru, R. Pacaya, 1 ♂, 2 ♀ type. *Exp.* 14 mill.

5704a. *Amyna magnifoveata* n. sp.

♂. Head and thorax red-brown slightly mixed with whitish; abdomen grey-brown; antennae ringed with whitish except towards tips; pectus, legs, and ventral surface of abdomen dark brown mixed with some white. Forewing red-brown with a cupreous gloss and irrorated with whitish; the large fovea in middle of cell pale; reniform defined by whitish points, oblique, a whitish mark above it on costa; postmedial line indistinct, dark, defined on outer side by whitish scales towards costa, excurved to vein 4, then oblique and

sinuous, some white points beyond it on costa; subterminal line with incurved white bar from costa, then faint, dark, waved. Hindwing uniform red-brown with a cupreous gloss. Underside red-brown irrorated with whitish; hindwing with indistinct curved slightly waved dark postmedial line.

Hab. **Br. E. Africa**, Mt. Kenya (Neave), 1 ♂ type. *Exp.* 28 mill.

5710a. *Amyna rubrivena* n. sp.

♀. Head and thorax bright red-brown; abdomen dark grey-brown; antennae black-brown, ringed with white towards the base; palpi bright red-brown irrorated with white; pectus, legs, and ventral surface of abdomen whitish tinged with brown, the fore tibiae red-brown, the tarsi dark brown ringed with white. Forewing bright cupreous red-brown; subbasal line whitish, from costa to vein 1, excurved below costa and bent outwards at median nervure; antemedial line brown, defined on inner side by white towards costa, very slightly waved and angled inwards at vein 1; orbicular fiery red defined by white points, touching the antemedial line; reniform fiery red defined by minute white spots and by two larger spots at lower extremity, with three yellowish points in centre, oblique, a white bar above it from costa; postmedial line brown slightly defined on outer side by white and with some white points on it towards costa, slightly waved, excurved from below costa to vein 4, then strongly incurved, some white points beyond it on costa; subterminal line with white patch from costa, its outer edge indented by two slight red streaks, then dark brown; a terminal series of minute white points; cilia red-brown with some whitish at tips. Hindwing dark glossy brown, the cilia white at tips. Underside of forewing grey-brown, the costal area irrorated with white the inner area whitish, a faint curved postmedial line defined on outer side by whitish, the subterminal patch from costa yellowish; hindwing red-brown irrorated with white, the inner area mostly white, a small dark discoidal spot and crenulate postmedial line defined on outer side by white.

Hab. **Cameroons**, Ja R., Bitje (Bates), 1 ♀ type. *Exp.* 30 mill.

5736b. *Trilophonota umbrimedia* n. sp.

Head, thorax, and abdomen dark brown mixed with some grey-white; antennae dark brown; palpi dark brown, the extremities of 1st and 2nd joints white; pectus, legs, and ventral surface of abdomen dark brown mixed with white, the tarsi black-brown ringed with white. Forewing dark brown mixed with grey-white and some red-brown, the medial area with broad dark shade expanding widely below the cell; a double waved black subbasal line filled in with whitish from costa to vein 1; antemedial line double, black filled in with whitish, waved; orbicular grey-white defined by black, minute, round; reniform grey-white slightly defined by black, rather figure-of-eight-shaped and with slight dark marks in its upper and lower parts; postmedial line double, black filled in with grey-white, oblique to vein 6, where it is angled outwards, incurved at discal fold, excurved at vein 4, then incurved, some whitish points beyond it on costa; subterminal line rather diffused grey-white defined on inner side by a brown shade, excurved below vein 7 and at middle; the terminal area with dark patches above and below middle; a terminal series of minute black spots. Hindwing grey suffused with brown, the costal area

whitish; a dark terminal line; cilia with whitish line at base and waved whitish line at middle. Underside of forewing brown, the costal area irrorated with ochreous white, the inner and terminal areas whitish, a sinuous dark medial line and subterminal line excurved at middle; hindwing white irrorated with brown, a small dark discoidal spot, curved slightly waved postmedial line, and diffused subterminal line.

Ab. 1. Forewing with the medial shade interrupted at median nervure and not expanding below the cell. (Sikkim.)

Hab. **Sikkim**, 1,800 ft. (Dudgeon), 1 ♂, 2 ♀; **Assam**, Khásis, 1 ♂ type. *Exp.* 26-30 mill.

5750a. *Lithacodia mesoplaga* n. sp.

♀. Head and thorax pale rufous; antennae black; palpi dark brown, the extremity of 2nd joint and the 3rd joint pale rufous; abdomen white tinged with brown, the crests black; pectus, legs, and ventral surface of abdomen whitish suffused with rufous, the fore tibiae black, the tarsi banded with black. Forewing white suffused with rufous with an olive-green tinge, the medial area with a triangular dark olive-brown patch from cell to inner margin, the costal area irrorated black and white, the terminal area with some black mixed; a small black spot in the cell near base; antemedial line black defined on inner side by white, curved and slightly waved; a minute black spot in the cell touching the antemedial line, and black discoidal bar; postmedial line rather diffused, black to vein 2, then double and filled in with white, bent outwards below costa, then slightly waved, excurved to vein 4, then incurved, some white points beyond it on costa; subterminal line formed by obscure blackish marks. Hindwing whitish suffused with red-brown, the termen whitish except towards tornus; a fine brown terminal line. Underside of forewing whitish, the disk suffused with brown, the costa irrorated with blackish; hindwing white irrorated with red-brown, a small brown discoidal spot and curved postmedial line.

Hab. **Lr. Burma** (Mackwood), 1 ♀ type. *Exp.* 18 mill.

GENUS *Acaenica* nov.

Type: *A. diaperas*.

Proboscis fully developed; palpi obliquely upturned, the 2nd joint reaching to above vertex of head, smoothly scaled in front and very slightly angled with hair behind at middle, the 3rd joint long; frons smooth, with large tuft of hair above; eyes large, round; antennae of male with fasciculate cilia and bristles; thorax clothed almost entirely with scales; tibiae smoothly scaled; abdomen with dorsal crest at base only. Forewing with the apex somewhat produced, the termen very slightly excised below apex and excurved at middle, not crenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hindwing with the tornus slightly lobed; veins 3, 4 from angle of cell; 5 obsolescent from middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Eustrotia* in the palpi being long, oblique, the 2nd joint reaching to above vertex of head and slightly angled with hair above at middle, the forewing with the termen slightly excised below apex and excurved at middle, the hindwing with vein 5 from middle of discocellulars.

5848c. *Acaenica diaperas* n. sp.

♂. Head, thorax, and abdomen creamy white suffused with brown; antennae dark brown; palpi dark brown, white at extreme tips; pectus, legs, and ventral surface of abdomen creamy white, the forelegs suffused with dark brown. Forewing with the basal half black-brown, its outer edge incurved below median nervure, then oblique; an indistinct dark antemedial line defined on inner side by some creamy white, excurved below costa and incurved in the cell, the area beyond it creamy white tinged with pinkish, met by an oblique creamy white fascia from apex giving off an oblique bar from its lower edge to vein 4, leaving a conical black-brown patch on costa before apex with three whitish points in it, the terminal area black-brown, narrowing to a point at apex, its inner edge oblique and sinuous, defined by a black line; a black discoidal point; a fine black line defining the upper part of the oblique bar on inner side; a fine black terminal line and whitish line at base of cilia. Hindwing creamy white tinged with brown, the tornus suffused with pink; traces of an oblique dark postmedial line, arising at vein 6 and forming two black striae at tornus; a terminal grey-brown band narrowing to a point above tornus and defined on inner side by a black line below vein 4; a fine black terminal line and whitish line at base of cilia. Underside white tinged with red-brown; forewing with small obliquely-placed white subterminal spots above and below vein 7; hindwing with slight blackish discoidal spot.

Hab. Portuguese E. Africa, Mt. Chipirone (Neave), 1 ♂ type. *Exp.* 26 mill.

5904b. *Eustrotia rubrisignata* n. sp.

♀. Head and thorax whitish suffused with olive, the patagia with some black scales at base and towards tips; antennae blackish; palpi blackish towards tips; abdomen olive with diffused black bands; pectus, legs, and ventral surface of abdomen white tinged with olive, the fore tibiae with some black, the tarsi black ringed with white. Forewing white suffused with olive-brown, the medial area rather deeper olive except towards costa; a black point at base of costa and some black scales at base of inner margin; antemedial line white, defined on outer side by black below submedian fold, oblique; claviform white with some fiery red scales in centre and a short black fascia beyond it; orbicular and reniform white, the former with fiery red centre, rather oblique, the latter with fiery red annulus in centre with some black scales on its lower part, a quadrate black patch between them and a dark shade from costa, the reniform with some black scales on its outer edge; postmedial line white defined on inner side by some black, very oblique below costa, excurved to vein 4, then oblique, met beyond the cell by an oblique olive-brown fascia from apex; subterminal line whitish, defined on inner side by olive-brown below the oblique fascia, incurved below costa and above inner margin, some black scales on its outer side from vein 5 to submedian fold followed by some olive; a dark terminal line. Hindwing brown glossed with grey, the cilia white at tips. Underside of forewing brown, the inner area white; hindwing white irrorated with dark brown, a black discoidal spot and curved postmedial line.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 20 mill.

5906a. *Eustrotia obliquisignata* n. sp.

♀. Head and tegulae rufous; thorax and abdomen brown glossed with purplish grey; antennae red-brown; palpi black-brown, the extremity of 2nd joint and the 3rd joint rufous; pectus, legs, and ventral surface of abdomen brown mixed with whitish, the tarsi dark brown ringed with whitish. Forewing red-brown glossed with purple-grey and mixed with some rufous, the costal edge rufous to the postmedial line, then with rufous points; subbasal black spots on costa and below the cell; antemedial line dark brown, oblique to median nervure, excurved below submedian fold, then inwardly oblique; a deep-black discoidal lunule joined by a strong oblique black bar from costa; postmedial line indistinctly double, brown, forming a small black spot at costa, oblique to vein 6, slightly incurved at discal fold and below vein 4; subterminal line with two small black spots at costa and two rather obliquely placed spots below costa, then faint, pale, slightly waved, with slight blackish points before it at veins 6, 5, 4; a fine blackish terminal line with slight whitish points before it at the interspaces; cilia rufous. Hindwing dark glossy brown, the cilia with pale line at base. Underside grey-brown, the costal area of forewing and the hindwing irrorated with whitish.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 30 mill.

5906b. *Eustrotia magniplagia* n. sp.

♀. Head and thorax red-brown; antennae dark brown; palpi irrorated with whitish; abdomen greyish suffused with red-brown; pectus, legs, and ventral surface of abdomen whitish tinged with red-brown, the tibiae and tarsi dark brown, the latter ringed with white. Forewing red-brown with a large conical chocolate-brown patch from costa before apex to vein 5, its outer edge strongly excurved below vein 7, slightly defined by whitish and with three whitish points at costa; an indistinct waved red-brown antemedial line; a minute dark discoidal annulus; a diffused medial line, oblique to lower angle of cell; postmedial line faint, oblique to the lower edge of the patch, then with slight dark points at the veins; subterminal black points on veins 4, 3. Hindwing brown tinged with grey, the terminal area darker; cilia with a whitish line at base and whitish tips. Underside whitish suffused with brown; hindwing with slight brown discoidal bar and diffused curved postmedial line defined on outer side by whitish.

Hab. N. Nigeria, Olokemeji (Dudgeon), 1 ♀ type. *Exp.* 24 mill.

5913a. *Eustrotia perirrorata* n. sp.

♀. Head and thorax dark brown irrorated with white; antennae ringed with white; abdomen grey-brown, the ventral surface irrorated with white; tarsi dark brown ringed with white. Forewing chocolate-brown thickly irrorated with bluish white, the terminal area less thickly irrorated except at apex; an indistinct slightly waved dark antemedial line; reniform slightly defined by chocolate-brown, rather oblique, bar-shaped; postmedial line dark brown, oblique to vein 6, then inwardly oblique, some white points beyond it on costa; a faint subterminal series of slight brown spots from vein 6 to inner margin; a series of white striae before termen; cilia with some fine white lines through

them. Hindwing brown tinged with grey; a dark terminal line; cilia dark brown with a white line at base. Underside of forewing brown, the costal and terminal areas irrorated with white; hindwing white irrorated with brown.

Hab. **N.E. Rhodesia**, Up. Luangwa Valley (Neave), 1 ♀ type. *Exp.* 26 mill.

5933c. *Eulocastra pallida* n. sp.

♂. Head, thorax, and abdomen pale red-brown, the thorax behind the tegulae and the base of abdomen whitish tinged with red-brown; antennae whitish towards base; pectus, legs, and ventral surface of abdomen whitish tinged with red-brown, the fore and mid tibiae and the tarsi darker brown. Forewing whitish tinged with red-brown, the costal area deeper red-brown; minute black points at middle of costa and submedian fold; postmedial line faint, pale red-brown with minute black points on it below costa, angled outwards below costa and at middle, incurved at discal fold and below vein 4; a terminal series of minute black points. Hindwing whitish tinged with brown; a brown terminal line. Underside of forewing pale red-brown; hindwing whitish, the costal area suffused with red-brown.

Hab. **Br. C. Africa**, Mt. Mlanje (Neave), 1 ♂ type. *Exp.* 20 mill.

5945a. *Eulocastra poliogramma* n. sp.

Head, thorax, and abdomen white suffused with greyish fuscous, the vertex of head and base of abdomen whiter, the anal tuft tinged with rufous; antennae blackish; palpi dark brown mixed with some white; pectus, legs, and ventral surface of abdomen white mixed with some brown, the fore- and midlegs suffused with blackish, the tarsi ringed with white. Forewing silvery white; two sub-basal slightly waved grey lines from costa to submedian fold; antemedial line represented by minute black spots below costa and cell and above inner margin; three waved grey lines on medial area, the 3rd angled inwards at median nervure before a small black discoidal spot, the area below the cell from the 2nd line to the postmedial line suffused with grey; two grey postmedial lines, bent outwards below costa, then waved and erect; a slightly waved white subterminal line with fuscous grey patches before it from costa to vein 6 and from vein 5 to submedian fold, defined on outer side by fuscous grey from costa to submedian fold; a terminal series of small black spots. Hindwing white faintly tinged with brown; a slight dark terminal line. Underside of forewing suffused with brown; hindwing white, the costal area suffused with brown, a slight dark discoidal spot.

Hab. **Br. C. Africa**, Mt. Mlanje (Neave), 2 ♂, 2 ♀ type; **Portuguese E. Africa**, Ruvo Valley (Neave), 1 ♀ Kola Valley (Neave), 1 ♀. *Exp.* 16 mill.

5951b. *Eulocastra carnibasalis* n. sp.

♀. Head, thorax, and abdomen deep chocolate-brown with a greyish gloss, the vertex of head, tegulae, and patagia flesh-red; palpi, pectus, and legs dark brown, the hind tibiae rufous, the tarsi white. Forewing with the basal area flesh-red obliquely from costa beyond middle to inner margin before middle, the rest of wing deep chocolate-brown with a band of leaden-grey suffusion on post-medial area and the terminal area suffused with leaden grey; postmedial line

slight, dark, excurved below costa and at middle, incurved at discal fold and below vein 4; subterminal line indistinct, dark, excurved below vein 7 and at middle. Hindwing brown glossed with leaden grey. Underside brown glossed with leaden grey, the forewing with the costal edge ochreous from before to beyond middle.

Hab. **Br. C. Africa**, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 18 mill.

5954a. *Eulocastra phaeella* n. sp.

♂. Head, thorax, and abdomen dark red-brown; abdomen greyer brown; pectus and ventral surface of abdomen at base with some whitish. Forewing dark red-brown suffused with silvery blue; an indistinct interrupted dark antemedial line; a dark medial shade; a white discoidal point; postmedial line indistinct, dark defined on outer side by silvery blue, slightly bent outwards below costa, then minutely dentate; an indistinct dark subterminal line, excurved at middle; a terminal series of slight dark points. Hindwing dark brown glossed with leaden grey. Underside whitish suffused with brown; hindwing with slight dark discoidal striga and curved postmedial line.

♀. Much more uniform deep red-brown glossed with leaden grey; forewing without any silvery blue and with the markings hardly traceable.

Hab. **Madras**, Belgaum (Watson). 1 ♂, 4 ♀ type. *Exp.* 12-14 mill.

5954b. *Eulocastra albipunctella* n. sp.

♀. Head and thorax dark brown glossed with leaden grey; abdomen grey-brown. Forewing dark brown glossed with leaden grey; a faint dark antemedial line; a small bar-shaped white discoidal spot defined by dark brown; a faint dark postmedial line slightly excurved below costa and at middle; a terminal series of slight dark points. Hindwing dark brown tinged with grey. Underside uniform grey-brown.

Hab. **Borneo**, Pulo Laut (Doherty), 1 ♀ type. *Exp.* 12 mill.

5960a. *Metaemene nudariodes* n. sp.

♀. Head, thorax, and abdomen pure white; sides of frons with minute black spots; palpi with black mixed; forelegs with some black in front. Forewing pure white, thinly sealed; the costal edge black towards base; small subbasal, antemedial, and medial black spots on costa and three towards apex; slight terminal black spots at veins 5 and 2. Hindwing pure white, thinly sealed; a small black spot on inner margin near tornus. Underside of forewing with the costal area suffused with black-brown towards apex with three white spots on costa.

Hab. **Philippines**, Luzon, Baguio Distr., 4,000 ft., 1 ♀ type. *Exp.* 24 mill.

5965a. *Mimasura miltochristodes* n. sp.

♀. Head, thorax, and abdomen orange-yellow, the shoulders with black spots; antennae fuscous except towards base; fore tibiae with black band at extremity. Forewing orange-yellow with a reddish tinge except on terminal area, the black markings tinged with purple-grey; a small black spot at base of costa and subbasal spots on costa and in the cell; a rather diffused slightly

waved antemedial blackish line with a band before it from cell to inner margin, bent outwards between discal and submedian folds and conjoined in the cell to a similar medial line angled inwards at discal and submedian folds; a point at upper angle of cell; a similar postmedial line, slightly excurved beyond the angles of cell; a similar subterminal line, excurved below vein 7 and at middle; small terminal spots below apex and above and below veins 5 and 2. Hindwing pale orange-yellow. Underside orange-yellow; forewing with oblique medial brown bar from costa and curved postmedial line.

Hab. Gold Coast, Kumasi (Sanders), 1 ♀ type. *Exp.* 24 mill.

5979b. *Acanthofrontia dicycla* n. sp.

Head and thorax white, the frons suffused with fuscous, the tegulae orange-yellow, the dorsum of thorax black; antennae and palpi black; abdomen orange-yellow banded with black; pectus and legs white, the latter streaked with black, the tarsi black ringed with white. Forewing silvery white with an ochreous tinge, the costal edge black towards base; a curved black subbasal line from costa to submedian fold; antemedial line black, sinuous, bent outwards to inner margin; orbicular and reniform large round black annuli; a waved black medial line; the terminal part of costa black with white points on it; postmedial line black, excurved below costa and at middle and less strongly above inner margin; subterminal line black; strongly excurved below vein 7 and at middle and interrupted between vein 3 and submedian fold; a terminal series of minute black spots. Hindwing white, the costal area tinged with brown, the base and inner area slightly tinged; a terminal black line. Underside of forewing suffused with fuscous, the terminal area yellow; hindwing with the costal area suffused with fuscous except towards base, leaving a yellow apical patch, an oblique black striga on upper discocellulars, a black subterminal band from costa to vein 5 and oblique mark from vein 7 to termen at discal fold.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 2 ♀; *Portuguese E. Africa*, Ruvo Valley (Neave), 2 ♂ type, Kola Valley (Neave), 3 ♀. *Exp.* 22-28 mill.

5979c. *Acanthofrontia atricosta* n. sp.

♀. Head, thorax, and abdomen silvery white tinged with ochreous yellow, the tegulae and abdomen except towards base yellower and the latter with brown lateral bars, the anal tuft orange-yellow; antennae and 3rd joint of palpi black-brown; legs brown banded with white. Forewing silvery white tinged with ochreous yellow, the costa dark brown from beyond middle to near apex. Hindwing silvery white tinged with ochreous yellow, the costal area brownish. Underside of forewing and costal area of hindwing suffused with red-brown except on terminal area.

Hab. Gambia (Sir G. Carter), 3 ♀ type. *Exp.* 24 mill.

6075a. *Procrisis albizona* n. sp.

♂. Head and thorax white mixed with red-brown; palpi and antennae red-brown; abdomen red-brown, the anal tuft white; pectus and legs red-brown, the tarsi slightly ringed with white. Forewing with the basal area red-brown mixed with some white; a rather comma-shaped black subbasal patch below

the cell; an antemedial white band traversed by a slightly sinuous red-brown line; medial area pale red-brown, the postmedial line represented by its outer edge, excurved to vein 4, then oblique and sinuous; the terminal area white, tinged with red-brown towards costa. Hindwing pale red-brown. Underside white irrorated with red-brown, the disk of forewing more suffused with red-brown; hindwing with slight brown discoidal spot and curved postmedial line.

Hab. **Br. E. Africa**, Tanga (Hollis), 1 ♂ type. *Exp.* 16 mill.

GENUS *Dischalis* nov.

Type: *D. leucomera*.

Proboscis fully developed; palpi porrect to rather beyond the frons and moderately scaled below; frons with large round corneous prominence with raised edges; eyes large, round; antennae of male minutely ciliated; thorax clothed almost entirely with scales and without crests; tibiae smoothly scaled; abdomen smoothly scaled and without crests. Forewing with the apex rounded, the termen evenly curved and not crenulate; vein 3 from well before angle of cell; 5 from just above angle; 6 from upper angle; 7, 8 stalked; 9, 10 stalked; 11 from cell. Hindwing with veins 3, 4 from angle of cell; 5 almost fully developed from just below middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell to near middle.

In key differs from the other genera in the forewing having veins 7, 8 stalked and 9, 10 stalked, and from *Hypangitia* in the forewing having a corneous prominence with raised edges.

6075c. *Dischalis leucomera* n. sp.

♂. Head and tegulae white; thorax and abdomen red-brown, the prothorax and patagia at extremity with some white; antennae, frons, palpi, pectus, and legs red-brown. Forewing with the basal area red-brown, its outer edge inwardly oblique; a broad white medial band, its outer edge oblique to lower angle of cell with a curve inwards in the cell, then inwardly oblique, the area beyond it red-brown to the postmedial line with the reniform defined by white, the inwardly oblique waved white postmedial line near its outer edge, the terminal area white, tinged with red-brown towards costa and termen. Hindwing whitish suffused with red-brown. Underside white suffused with red-brown; hindwing with waved white postmedial line defined on each side by red-brown, curved red-brown subterminal line, and deep red-brown terminal line.

Hab. **Madras**, Belgaum (Watson), 1 ♂ type. *Exp.* 20 mill.

6079a. *Hoplotarache hemiselenias* n. sp.

♀. Head, tegulae, and prothorax white, the rest of thorax dark olive-brown; antennae and palpi red brown; abdomen red-brown; pectus, legs, and ventral surface of abdomen red-brown mixed with some white, the tarsi dark red-brown ringed with white. Forewing cupreous red-brown; the base and a patch on basal inner area white; a large semicircular silvery white patch on costa from before middle to near apex, extending to discal fold and with a diffused fulvous-yellow line near its outer edge; an indistinct curved brown antemedial line; reniform red-brown tinged with leaden grey and slightly defined by yellowish

white, small, round, and slightly indenting the white costal patch; subterminal line represented by an oblique silvery white striga below apex and spot below vein 6, continuous below vein 3 and strongly angled inwards at submedian fold, a slightly waved white line before it from vein 2 to inner margin; a terminal white band with its inner edge tinged with fulvous yellow, bent inwards at vein 2, then oblique to tornus; cilia white. Hindwing whitish strongly suffused with red-brown, the cilia white. Underside of forewing dark reddish brown with some yellowish white on costa beyond middle; hindwing whitish suffused with red-brown, an indistinct dark discoidal spot and curved postmedial line.

Hab. Cameroons, Ja R., Bitje (Bates), 3 ♀ type. Exp. 22 mill.

6091b. *Aulotarache atrisignata* n. sp.

♂. Head, thorax, and abdomen white faintly tinged with olive, the antennae ringed with black, the frontal prominence edged with black, the palpi with the 3rd joint black except at tips, the abdomen with diffused black bands; pectus, legs, and ventral surface of abdomen more strongly tinged with olive and slightly irrorated with black, the fore and mid tibiae and tarsi banded with black. Forewing white faintly tinged with olive; a quadrate black spot in end of cell with a diffused black patch above it on costa and minute black spot below it below vein 2; traces of a blackish postmedial line, excurved to vein 4, then incurved; a small black spot at apex and terminal series of black striae; cilia black mixed with some whitish. Hindwing white tinged with olive-brown, the terminal area suffused with fuscous; a fine black terminal line; cilia blackish with a white line at base. Underside white; forewing tinged with blackish to end of cell, then with rufous; hindwing tinged with rufous, the medial costal area irrorated with black, a black discoidal point.

Hab. Br. C. Africa, Zomba (Old), 1 ♂ type. Exp. 20 mill.

6175a. *Tarache yemenensis* n. sp.

♂. Head and thorax creamy white; antennae dark brown; frons greyish ringed with dark brown; palpi dark brown above and at tips; abdomen pale rufous with some white at sides at base; pectus, legs, and ventral surface of abdomen white, the fore tibiae and the tarsi dark brown ringed with white. Forewing white tinged with rufous in parts, especially in and beyond the cell on medial area; three olive-grey patches on basal part of costa and traces of a waved grey antemedial line; two olive-grey patches on postmedial part of costa separated by an oblique white bar representing part of the postmedial line; the postmedial area with an olive-grey band from vein 6 to inner margin, its inner edge excurved to vein 4, then incurved, traversed by the indistinct double black postmedial line slightly defined on outer side by whitish and filled in with whitish towards inner margin, also excurved to vein 4, then incurved; the apical area dark brown shading into pale cupreous red at apex and with two oblique white striae from costa; subterminal line bright cupreous red, arising below costa, slightly waved and incurved below vein 6, the area beyond it white except towards costa with a series of black striae on termen; cilia white with dark points at middle to vein 4, then a slight brown line, the tips tinged with ochreous towards apex. Hindwing white, the veins and inner margin with a faint rufous tinge, the veins towards termen and the termen, except towards

tornus, suffused with cupreous brown; cilia white with a dark-grey line near base to vein 3, then tinged with rufous at base. Underside of forewing white, the terminal half brown except on inner area, the costa towards base and the cell tinged with fulvous yellow, two white postmedial patches on costa followed by two striae; hindwing white, a slight olive-yellow mark at middle of costa, distinct subterminal band from costa to vein 6 and terminal band to vein 3.

Hab. **Arabia**, Yemen (Bury), 1 ♂ type. *Exp.* 36 mill.

Phlogophorinae.

GENUS *Eutelia* insert.

Phlogophora Trsit., *Schmett. Eur.* v. i. p. 369 (1825), which has priority. Type: *adulatrix*.

6212a. *Phlogophora endoleuca* n. sp.

♂. Head and thorax red-brown mixed with some whitish; antennae and frons dark brown; palpi dark red-brown; abdomen red-brown with some white at base, the crests dark brown; pectus, legs, and ventral surface of abdomen red-brown mixed with white, the forelegs dark brown, the tarsi ringed with white. Forewing grey suffused with red-brown and slightly irrorated with dark brown, the submedian fold pale; a faint dark subbasal striga from costa; antemedial line faint, dark, incurved below submedian fold; orbicular indistinctly defined by blackish, open below; some slight dark marks at end of cell; postmedial line indistinctly double, dark, dentate to vein 2 and oblique to vein 6, interrupted from vein 2 to submedian fold, then very oblique to middle of inner margin; a slight pale waved subterminal line defined on each side by fuscous from costa to discal fold; a fine dark terminal line; cilia dark brown with a fine pale line at base. Hindwing grey suffused with reddish brown, the submedian interspace whitish; a dark striga at middle of inner margin; postmedial line indistinct, double, fuscous filled in with whitish, arising at vein 5 and oblique to vein 2, interrupted in submedian interspace; slight ochreous subterminal spots defined by blackish from above vein 4 to vein 2; a dark terminal line; cilia dark with a fine pale line at base. Underside grey suffused with dark reddish brown; hindwing with slight dark discoidal spot, the double postmedial line extending to vein 6, the ochreous subterminal spots from above vein 6 to below 2.

Hab. **Cameroons**, Ja R., Bitje (Bates), 1 ♂ type. *Exp.* 32 mill.

6232a. *Phlogophora affinis* n. sp.

♂. Head, tegulae, extremity of patagia and metathoracic crest rufous, the rest of thorax grey suffused with red-brown; antennae dark brown; palpi grey suffused with red-brown and irrorated with black; abdomen grey suffused with red-brown, the crests black; pectus and legs whitish suffused with red-brown. Forewing grey suffused with red-brown and slightly irrorated with black, the medial area with a blue-grey patch from the cell and vein 2 to above inner margin, extending to beyond the postmedial line, the terminal area blue-grey to vein 4; a slight blackish subbasal spot in the cell; antemedial line blackish with some rufous on it towards inner margin, oblique to discal fold, then inwardly oblique; orbicular and reniform chocolate-brown defined by whitish, round,

the former small; medial line blackish, oblique to the reniform and inwardly oblique from the orbicular to inner margin; postmedial line double, dark brown filled in with whitish, excurved to vein 6, then slightly waved to vein 3, then incurved; the postmedial area with a triangular chocolate-brown patch defined on outer side by a white line from costa to vein 6, with a black subterminal striga from its apex to discal fold, an oblique black bar from discal fold to vein 4, then whitish subterminal striae defined on inner side by black-brown above and below vein 3; a terminal series of small black-brown lunules; cilia red-brown chequered with dark brown and with a whitish line at base. Hindwing grey suffused with red-brown, whitish towards base; a curved, sinuous, whitish subterminal line defined on inner side by dark brown from vein 6 to inner margin; a terminal series of small black-brown lunules; cilia dark brown with a whitish line at base. Underside whitish suffused with red-brown and irrorated with blackish; forewing with blackish discoidal spot, indistinct double postmedial line excurved below costa, then oblique, and dark marks before the subterminal line from costa to discal fold; hindwing with large round black discoidal spot defined by white, double curved postmedial line, and faint sinuous subterminal line.

Hab. Formosa. Karapin (Wilennan), 1 ♂ type. *Exp.* 30 mill.

6287a. *Phlegetonia atribasalis* n. sp.

♀. Head, tegulae, and patagia deep rufous mixed with whitish, the tegulae with dark bars near base, the dorsum of thorax whitish suffused with rufous; antennae black ringed with white; palpi white and fiery red barred with black; abdomen whitish with dark subdorsal shades to 5th segment, black dorsal streak on 2nd segment, the terminal segments tinged with rufous; pectus, legs, and ventral surface of abdomen white mixed with rufous, the fore tibiae and tarsi banded with black-brown. Forewing with the basal half grey suffused with dark red-brown and blackish, its outer edge oblique and followed by a greenish white shade except towards costa, the rest of wing grey suffused with rufous, the terminal area brown towards tornus; a black-brown spot on median nervure near base; antemedial line double, blackish, filled in with white towards inner margin; orbicular a minute white spot defined by black; reniform narrow, somewhat angled inwards at median nervure, its centre tinged with green, a slight black mark in its lower part, a white bar above it from costa and double slightly waved black line from cell to inner margin; postmedial line treble, dark filled in with whitish, slightly sinuous, oblique to discal fold, then incurved; a triangular black-brown patch on postmedial area from costa to vein 6, defined by white and with three white points at costa, the whitish subterminal line arising from its apex with a small black spot on its inner side below vein 5, waved and angled inwards below vein 2; a terminal series of slight black-brown lunules defined on inner side by whitish. Hindwing whitish suffused with brown; a waved black-brown terminal line except towards apex and tornus; cilia red-brown with a white line at base. Underside white mixed with fiery rufous; forewing with brown postmedial line defined on outer side by white, oblique from below costa to vein 6, then slightly waved and oblique below vein 4, a faint slightly waved whitish subterminal line with two slight red-brown spots at costa; hindwing with elliptical black-brown discoidal spot defined

by whitish, curved slightly waved dark medial line, curved double waved red-brown postmedial line, and waved subterminal line.

Hab. **Bismarck Arch.**, Admiralty Is. (Meek), 1 ♀ type. *Exp.* 30 mill.

Odontodinae.

The genus *Odontodes* Guen. 1852, type *aleuca*, is the oldest in the subfamily.

6451a. *Nigramma rubripictalis* n. sp.

♂. Head and thorax olive-grey, the vertex of head and dorsum of tegulae with slight red-brown streak, the patagia mostly dark red-brown and leaden grey towards extremity and the metathorax with some dark red-brown scales; antennae dark red-brown except above towards base; sides of frons and palpi suffused with red-brown; abdomen grey suffused with red-brown; pectus, legs, and ventral surface of abdomen whitish, the tibiae and tarsi suffused with red-brown. Forewing whitish tinged with olive-green and irrorated with red-brown, the medial area below the cell and the terminal area suffused with red-brown; a diffused curved red-brown subbasal line; antemedial line indistinctly double, red-brown, slightly waved, the outer line with small tufts of black-brown scales on it in and below the cell; a double slightly curved red-brown medial line; reniform defined by red-brown and with dark patch in centre; postmedial line indistinct, double, red-brown, slightly waved, the outer line with three black points on it from below costa to discal fold, a red-brown shade before it on costal area; the red-brown terminal area defined on inner side by a deeper red-brown spot below costa, then a very slightly waved line; subterminal line white defined on outer side by red-brown and blackish points, slightly angled outwards below vein 7, then very slightly waved; a terminal series of deep red-brown striae defined on inner side by white; a fine deep red-brown line at base of cilia. Hindwing whitish suffused with red-brown, the cilia whiter except at base. Underside whitish suffused with red-brown.

Hab. **Louisiade Is.**, St. Aignan I. (Meek), 1 ♂ type. *Exp.* 22 mill.

6452. *Nigramma perstrialis* n. sp.

♀. Head and thorax ochreous white mixed with deep rufous and some dark brown; antennae dark brown, red-brown towards base; palpi whitish tinged with red-brown; abdomen pale red-brown with blackish dorsal spots on two basal segments; pectus and legs whitish mixed with red-brown; ventral surface of abdomen white. Forewing ochreous suffused with deep rufous and slightly irrorated with dark brown, a deep rufous fascia below the cell and vein 5 from base to termen, and a fascia from upper angle of cell to apex; a dark streak on basal part of vein 1; a black antemedial point on costa and another in middle of cell; reniform very indistinctly defined by blackish points above, its lower part filled in with dark brown and whitish; a postmedial series of blackish points, oblique from costa to vein 6, then inwardly oblique; a subterminal series of minute black spots, oblique to vein 6, then inwardly oblique and slightly curved; a series of small black spots before termen defined on inner side by white; the terminal part of inner margin suffused with dark brown; cilia with two fine black-brown lines through them. Hindwing whitish suffused with red-brown, the terminal area with darker brown, the costal area white

to beyond middle ; cilia with a fine white line at base and white tips. Under-side of forewing red-brown, the inner area white ; hindwing whitish suffused with red-brown, the cell and inner area whiter.

Hab. Louisiade Is., Woodlark I. (Meek), 1 ♀ type. *Exp.* 32 mill.

6471a. *Gyrtona scotialis* n. sp.

♂. Head and thorax red-brown mixed with black tinged with leaden grey ; antennae and palpi black-brown ; abdomen black-brown tinged with grey ; pectus, legs, and ventral surface of abdomen whitish mixed with fuscous, the tarsi blackish ringed with white. Forewing cupreous red-brown with black markings mixed with leaden grey ; a black and grey patch on basal costal area ; a double curved black antemedial line filled in with leaden grey and with small tufts of raised black scales on it in and below the cell ; a slight dark brown medial line, oblique to submedian fold, then inwardly oblique ; a curved discoidal band defined by blackish lines and filled in with leaden grey from costa, where it is connected with the postmedial band, to the postmedial band between veins 3 and 2 ; the postmedial band formed by a double very slightly waved black line filled in with leaden grey ; two narrow slightly waved leaden-grey subterminal bands defined on outer side by black points ; a terminal series of small black-brown spots defined by leaden grey ; cilia dark brown tinged with leaden grey at base, grey at tips. Hindwing with the basal half white tinged with brown, the veins and terminal half dark brown. Underside whitish suffused with fuscous brown, the basal half of hindwing whiter.

Hab. Solomon Is., Goodenough I. (Meek), 2 ♂ type. *Exp.* 20 mill.

Sarrothripinae.

6495a. *Characoma melanographa* n. sp.

♂. Head and thorax white, the head with black streaks behind antennae, the tegulae, tipped with black, the patagia edged with black and with black spot at middle, the mesothorax with black patch and the metathorax with black streaks at sides ; antennae black, ringed with white towards base ; frons with black spot above ; palpi with the 2nd and 3rd joints black above towards base ; abdomen whitish suffused with brown ; pectus and legs white tinged with red-brown. Forewing white ; black spots at base on costa and below the cell and a spot in the cell before the black subbasal line, which is angled outwards at subcostal nervure and ends at submedian fold, in which there is a short black streak beyond it ; some black suffusion on basal part of inner margin ; ante-medial line black, oblique, waved, with two small black spots before it in the cell and a short black streak from it in lower end of cell ; a black discoidal point, some slight points on medial part of costa and a black patch below end of cell ; postmedial line black, bent outwards below costa, excurved to vein 3, then slightly waved, a rather diffused conical black patch beyond it from costa and the area beyond it with some black irroration except towards costa ; subterminal line black, interrupted below costa and excurved below vein 7 and at middle ; a black point on costa towards apex, oblique black fascia from apex and slight maculate shade before termen ; a terminal series of small triangular black spots ; cilia brownish white intersected with blackish. Hindwing white,

the veins and terminal area suffused with brown, the latter broadly towards costa, narrowing to tornus. Underside of forewing suffused with brown, the base and inner area white, the terminal half of costa white with small blackish spots; hindwing white with fuscous postmedial line from costa and slight subterminal shade to vein 2.

Hab. Transvaal, White R. (Cooke), 1 ♂ type. *Exp.* 24 mill.

6496a. *Characoma nigricollaris* n. sp.

♂. Head and thorax pale blue-grey irrorated with fuscous, the tegulae with black-brown patches meeting dorsally behind but leaving the middle, sides, and tips pale; the prothorax with a small black spot and the meso- and metathorax with paired spots; abdomen fuscous brown with the crest at base grey; antennae fuscous brown; palpi white irrorated with brown except at base and with black points on 1st joint and base of 2nd joint; pectus, legs, and ventral surface of abdomen white, the fore femora black above, the tibiae irrorated with brown and the tarsi black at extremity, the hind tibiae and tarsi irrorated with brown. Forewing pale blue-grey irrorated with fuscous; a black patch at base of cell met by a curved blackish subbasal striga from costa; antemedial line black, oblique and very slightly excurved from costa to vein 1, where it terminates, and with a slight black streak beyond it in submedian fold to the faint postmedial line; a slight black discoidal point; postmedial line very indistinct, blackish, faintly defined on outer side by whitish, with slight diffused marks at costa, bent outwards with a downwards curve below costa, then waved, incurved at discal fold and below vein 4, a faint dark shade beyond it forming a slight patch on costal area; a subterminal series of slight blackish spots, somewhat incurved at discal fold and below vein 5; a terminal series of black points. Hindwing semihyaline white; a slight terminal brown line, rather diffused at apex. Underside of forewing bluish white tinged with brown except on inner area, some blackish marks on costa towards apex.

Hab. Transvaal, Pretoria (D. Gunn), 1 ♂ type. *Exp.* 32 mill.

6517a. *Pardasena punctilinea* n. sp.

♂. Head, thorax, and abdomen white tinged with red-brown; antennae blackish except towards base; palpi with some dark brown above towards base; mid femora towards extremity and the tibiae with some dark brown. Forewing white tinged with red-brown; a black point at base of costa and spot at base of median nervure; a small subbasal black spot on costa; a faint antemedial line with black bar from costa and small spots at the veins, rather obliquely excurved from below costa; a small black discoidal spot and blackish spot below end of cell; postmedial line faint, with two small black spots below costa, then a series of points, slightly bent outwards below costa, then oblique to vein 4, then incurved, a conical patch of fuscous suffusion beyond it from costa; subterminal line formed by small blackish spots, excurved below vein 7 and at middle; a rather maculate fuscous shade before termen from below costa to discal fold; a terminal series of minute triangular black spots. Hindwing whitish suffused with reddish brown, the terminal area darker except towards tornus; a dark terminal line and fine white line at base of cilia. Underside of forewing fuscous brown, the base and inner margin whitish;

hindwing white, a fuscous postmedial patch on costa and terminal shade to submedian fold.

Hab. **Br. C. Africa**, Mt. Mlanje (Neave), 1 ♂ type. *Exp.* 20 mill.

6529*a*. **Nanaguna rufitineta** n. sp.

♂. Head and thorax white mixed with some rufous especially on tegulae and metathorax; antennae blackish, ringed with white towards base; palpi rufous and white, the 2nd joint black above; abdomen pale rufous, the anal tuft white. Forewing white mixed with some rufous, the area beyond the cell suffused with rufous to submedian fold, the basal area and medial area irrorated with darker brown to submedian fold, the antemedial area whiter; an inwardly oblique blackish antemedial line from costa to submedian fold; a black medial line, oblique towards costa, then sinuous; postmedial line blackish, slightly defined on outer side by white at middle, with two black points on it towards costa and one at vein 2, oblique to vein 4, then incurved; the postmedial area with a patch of deep red-brown at middle; subterminal line black, rather maculate, incurved at discal fold and below vein 3; a deep red-brown spot before termen below apex and terminal series of black striae; cilia with a slight brown line through them. Hindwing pure white, the terminal area suffused with fuscous and with slight dark terminal line to vein 2. Underside of forewing reddish brown, the terminal half of costa white with small red-brown spots; hindwing white, a curved reddish brown postmedial line to vein 3, the terminal area suffused with reddish brown to submedian fold.

Hab. **Dutch N. Guinea**, Mt. Goliath (Meek), 1 ♂ type. *Exp.* 22 mill.

GENUS **Nanarhyncha** nov.

Type: *N. nolophaea*.

Proboscis aborted and small; palpi downcurved, extending about four times length of head and thickly scaled above and below; frons smooth; eyes large, round; antennae of female ciliated; thorax clothed with hair and scales mixed and without crests; tibiae slightly fringed with hair; abdomen smoothly scaled and without crests. Forewing with the apex rounded, the termen obliquely curved, the inner margin somewhat lobed towards base; vein 3 from just before angle of cell; 4, 5 strongly stalked; 6 from upper angle; 7, 8, 9 stalked; 10, 11 from cell. Hindwing with veins 3 and 5 from angle of cell, 4 absent; 6, 7 strongly stalked; 8 anastomosing with the cell to near extremity.

In key differs from *Hesperothripa* in the proboscis being aborted and small, the palpi downcurved, the forewing with veins 4, 5 stalked, the hindwing with veins 6, 7 from cell.

6535*a*. **Nanarhyncha nolophaea** n. sp.

♀. Head, thorax, and abdomen dark reddish brown mixed with some grey; palpi black-brown; peetus, legs, and ventral surface of abdomen black-brown mixed with grey. Wings dark reddish brown mixed with some grey. Underside dark reddish brown.

Hab. **Sierra Leone** (Clements), 1 ♀ type. *Exp.* 16 mill.

6582a. *Lamprothripa gilvaria* n. sp.

♂. Head and thorax cream colour, the tips of tegulae and rest of thorax suffused with rufous; antennae rufous; palpi cream colour and rufous; abdomen cream colour tinged with rufous; pectus and legs cream colour suffused with rufous, the tarsi red-brown with pale rings. Forewing cream colour, the basal half suffused with rufous, its outer edge oblique and sinuous; a small black subbasal spot below costa; antemedial line formed by double striae of raised black scales, oblique, sinuous, two slight black marks before it above inner margin; a deeper rufous spot defined by some black scales in the cell towards extremity; postmedial line indistinct, rufous with some black scales on it, strongly bent outwards below costa, then slightly waved to vein 4, then incurved and double in submedian interspace; the postmedial area with a rufous shade to discal fold; a series of slight ill-defined rufous spots before termen; cilia chequered with rufous. Hindwing cream colour tinged with rufous especially on inner area. Underside cream colour tinged in parts and irrorated with rufous; forewing with slight rufous line at end of cell and faint subterminal shade; hindwing with slight rufous medial line excurved beyond the cell.

Hab. Assam, Khásis (Nissary), 1 ♂ type. Exp. 28 mill.

6622a. *Ochrothripa mesopis* n. sp.

♀. Head and thorax ochreous suffused with red-brown and irrorated with black; antennae blackish; palpi with the 2nd joint black above towards base and the 3rd joint towards extremity; abdomen black-brown; pectus, legs, and ventral surface of abdomen ochreous tinged with red-brown, the forelegs irrorated with black. Forewing ochreous tinged with red-brown and irrorated with black, the terminal area suffused with red-brown except at apex, running inwards along inner margin to the postmedial line, the veins of terminal area streaked with black; a waved black subbasal line to vein 1 and streak on base of inner margin; a waved black antemedial line, obsolete towards costa; a small black spot in middle of cell; the reniform with irregularly rounded black outline and small black spot in middle; postmedial line black, very slightly sinuous, strongly excurved from costa to submedian fold, where it is bent inwards, angled outwards at vein 1; cilia chequered brownish ochreous and black-brown. Hindwing ochreous suffused with red-brown, the terminal area darker; cilia paler ochreous; some black on inner margin and cilia at tornus. Underside ochreous suffused with red-brown; hindwing with faint curved brown postmedial line.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. Exp. 32 mill.

GENUS *Megastopolia* n.n.

Poliiothripa Hmps., *Cat. Lep. Phal. B.M.* xiii. p. 333 (1912); nec *Ann. S. Afr. Mus.* ii. p. 311 (1902). Type: *ameria*.

GENUS *Pucialia* insert.

Sebageua Wlk., xxxiii. 929 (1865), which has priority. Type: *furcifera*.

6646a. *Sebageua metaphaea* n. sp.

♂. Head and thorax pinkish white faintly tinged with red-brown and irrorated with black-brown, the tegulae with black medial line; palpi with the

2nd joint black-brown above except towards extremity and the 3rd joint with some black-brown at sides; abdomen dark brown irrorated with some grey, especially towards extremity; pectus and legs white irrorated with dark brown, the fore tarsi banded with chocolate-brown, the mid tarsi deep chocolate-brown except towards base; ventral surface of abdomen banded white and chocolate-brown. Forewing white tinged in parts with pink and irrorated with chocolate-brown and some blackish, the costal area suffused with chocolate-brown from the antemedial line to apex, where it narrows to a point, the cell on medial area also suffused with chocolate-brown extending to below the cell just beyond the antemedial line, some rufous suffusion beyond end of cell; an oblique sinuous blackish subbasal line from below costa to inner margin; antemedial line black, oblique to submedian fold, then excurved and ending at vein 1, a small black spot beyond it below the cell; orbicular whitish with some red-brown in centre, round; a curved black discoidal striga; postmedial line double, the inner line black, the outer chocolate-brown, black towards inner margin, sinuous, slightly excurved beyond the cell; subterminal line with oblique white striga from costa, then double, chocolate-brown, sinuous to vein 3, below which it is slightly angled inwards, then oblique to tornus, crossed by a black streak from beyond upper angle of cell and with another black streak beyond it below costa; two white points on costa towards apex and a series of black striae before termen. Hindwing very dark chocolate-brown with a cupreous gloss, the cilia white at tips. Underside deep chocolate-brown; forewing with the costal edge white except towards base, interrupted by a small chocolate-brown spot at middle and short streaks towards apex.

Hab. Jamaica (Jackson), 1 ♂ type. *Exp.* 40 mill.

GENUS *Plectothripa* nov.

Type: *P. excisa*.

Proboscis fully developed; palpi upturned, the 2nd joint reaching to about vertex of head, moderately scaled in front and angled with hair above at middle, the 3rd very long and smoothly scaled; frons smooth, with ridge of hair above; eyes large, round; antennae of male laminate and with short bristles; thorax clothed almost entirely with scales and without crests; build slender; tibiae slightly fringed with hair; abdomen with dorsal crests on two basal segments only, long. Forewing long and narrow, the apex rounded, the termen oblique below vein 4, crenulate; veins 3 and 5 from near angle of cell; 6 from just below upper angle; 7 shortly stalked with 8, 9; 10, 11 from cell. Hindwing with the termen crenulate to vein 2, excised at vein 1 and obliquely truncate at tornus; the cell more than half the length of wing and rounded at upper and lower extremities; vein 2 from towards angle of cell; 3, 4 from angle; 5 fully developed from just above angle and strongly curved upwards; 6 from long below upper angle; 8 closely approximated to the cell and vein 7 to well beyond the cell; the discal and submedian folds strong, the former curved upwards, the latter just below the cell; the retinaculum curled and covered by a tuft of hair, the raised scales in the cell slight.

In key differs from *Elesma* in the palpi being upturned with the 3rd joint very long, the abdomen with two basal crests, the hindwing with veins 3, 4 from angle of cell.

6660a. *Plectothripa excisa* n. sp.

♂. Head, thorax, and abdomen ochreous grey tinged with brown, the head between antennae, crest at base of abdomen, and abdomen towards extremity more rufous; palpi with the 2nd joint whitish mixed with rufous and with an oblique dark band near extremity, the 3rd white with black band near tips; pectus and ventral surface of abdomen white, the latter with dark sublateral and subventral points except at base; fore tibiae suffused with rufous, the tarsi blackish ringed with white. Forewing red-brown; the basal area ochreous grey with an obliquely curved black subbasal line from costa to vein 1; some black irroration before it on costal area and some brown below it on inner margin; antemedial line blackish, rather diffused and inwardly oblique; a minute black spot in middle of cell and slight dark striae on the discocellulars; an oblique dark line from origin of vein 2 to inner margin; postmedial line dark brown, very oblique to discal fold, then inwardly oblique and waved, a wedge-shaped ochreous grey patch beyond it on costal area, extending to apex and to before it at upper angle of cell, with three minute black spots on it at costa; subterminal line indistinct, dark, slightly excurved below vein 7, reduced to slight spots between discal and submedian folds and slight towards inner margin; cilia chequered whitish and red-brown. Hindwing grey suffused with reddish brown, the costal area and termen redder brown. Underside of forewing red-brown with curved blackish postmedial bar from costa with whitish patch beyond it; hindwing with dark discoidal bar with some whitish irroration before and beyond its upper part, some ochreous on costa above end of cell, a waved blackish postmedial line from costa to vein 5.

Ab. 1. Forewing uniform ochreous suffused and irrorated with red-brown and without the pale basal area or pale patch on postmedial costal area.

Hab. Singapore (Ridley), 2 ♂ type. *Exp.* 36 mill.

6660d. *Beana umbrina* n. sp.

♂. Head, thorax, and abdomen grey tinged with reddish brown and with some black mixed, the last with the crests blackish; antennae black, with pale rings towards base; palpi white mixed with blackish; pectus, legs, and ventral surface of abdomen white tinged with brown, the tarsi banded with blackish. Forewing grey suffused with reddish brown and slightly irrorated with black; two dark subbasal shades on costal area; antemedial line black, excurved to median nervure and angled inwards at vein 1; a faint minute round blackish orbicular stigma; reniform defined by black, small, elliptical; an oblique blackish shade from lower angle of cell to inner margin; postmedial line black defined on outer side by white, angled outwards above vein 6, incurved at discal fold, excurved at middle, then sinuous, two white points beyond it on costa; subterminal line blackish defined on outer side by whitish, incurved below costa, angled inwards at discal fold, then slightly waved and excurved at middle; a slight dark terminal line. Hindwing whitish suffused with fuscous brown, the base paler; cilia white suffused with brown; the underside white tinged with red-brown, a dark discoidal point, slightly waved postmedial line and subterminal series of minute blackish streaks on the veins.

♀. Forewing with rather diffused triangular blackish patch on medial area in submedian interspace instead of the oblique shade.

Hab. Philippines, Luzon, Los Baños (Baker), 1 ♂, 1 ♀ type. *Exp.* ♂ 26, ♀ 30 mill.

6667a. *Cassandra phoenicias* n. sp.

♀. Head, thorax, and abdomen dark red-brown mixed with some grey, the last with the three terminal segments grey tinged with rufous; antennae dark red-brown, the basal joint white except at extremity; tarsi white banded with black-brown; ventral surface of abdomen red-brown. Forewing red-brown suffused with purple and mixed with grey to just beyond the cell; two slight black streaks below costa towards base; antemedial line slight, black, interrupted, excurved at subcostal nervure, then sinuous; reniform red-brown with a small white spot in centre and defined by black striae, round, with a black streak before it in discal fold; postmedial line black slightly defined on outer side by whitish, bent outwards below costa, then sinuous, oblique to vein 6, then inwardly oblique; subterminal line grey, angled outwards below costa, where there is a short chocolate-brown fascia before it, then waved, double below discal fold; a terminal series of slight grey lunules. Hindwing uniform glossy red-brown. Underside grey-brown with a reddish tinge; forewing with the costal edge white except towards base and with two slight dark marks beyond middle; hindwing with the inner area pale except towards tornus, the costal edge white towards apex.

Hab. Panama, Lino (Fassl), 1 ♀ type. *Exp.* 38 mill.

6691a. *Elaeognatha phanerostola* n. sp.

Forewing of male on underside with fringe of hair from below costa to beyond middle; hindwing on upperside with fringe of long hair below basal half of costa, the rest of wing clothed with rough scales and with a fringe of upturned hair in submedian fold, the termen slightly excised below apex and more strongly in submedian interspace.

♂. Head and thorax white mixed with red-brown, the tegulae with red-brown dorsal patch; antennae rufous; palpi with deep red-brown stripe at side of 2nd joint; abdomen whitish suffused with pale red-brown; pectus, legs, and ventral surface of abdomen white tinged with rufous. Forewing silvery white irrorated with red-brown, a spot at base in and below the cell, a truncate conical antemedial patch from costa to median nervure conjoined on costal area to a quadrate medial patch extending into the end of cell, which again is conjoined to an oblique patch below end of cell, and the postmedial and terminal areas from costa to discal fold deep red-brown with a golden gloss; a small deep red-brown spot defined by white in middle of cell; the postmedial line represented by a short deep brown streak on costa, the line arising below the costa, obliquely incurved to below vein 5, then oblique and waved to vein 1, on which it is strongly bent inwards and obsolete, then outwardly oblique to inner margin; subterminal line white on the red-brown area, incurved below costa and excurved at vein 6, then slight, double, red-brown, slightly waved, incurved at submedian fold and ending at tornus; a terminal series of deep red-brown striae. Hindwing white tinged with orange-yellow, the inner area white, the fringe of scales

in submedian fold fulvous yellow. Underside white tinged with reddish brown, the forewing with some short chocolate-brown streaks on apical part of costa.

Hab. Peru, Yahuar Mayo, 1 ♂ type. *Exp.* 40 mill.

6698b. *Steniscadia albifera* n. sp.

♀. Head and thorax white mixed with dark brown; antennae fuscous, the basal joint rufous; palpi dark grey-brown, white at tips; abdomen grey suffused with brown; pectus, legs, and ventral surface of abdomen whitish suffused with brown. Forewing whitish irrorated with dark brown to discal fold, the area below it reddish brown mixed with some whitish; two indistinct sinuous brown antemedial lines with a chocolate-brown mark between them at costa and an elliptical spot beyond them in the cell; two slightly waved brown medial lines, excurved to median nervure, then incurved, a white patch between and before them at inner margin; an elliptical white discoidal spot with two dark points on it; postmedial line double, brown filled in with white, minutely dentate, slightly excurved to vein 4, then slightly incurved, a chocolate-brown mark beyond it on costa; a slightly waved white subterminal line, somewhat incurved at discal fold; a punctiform dark terminal line slightly defined on inner side by whitish. Hindwing and underside uniform dark grey-brown.

Hab. Panama, Chiriqui (Arcé), 2 ♀ type. *Exp.* 24 mill.

6801a. *Stictothripa griseola* n. sp.

Palpi of male short and porrect; hindwing with vein 8 anastomosing with the cell to beyond middle.

♀. Head and tegulae silvery white; thorax grey-white faintly irrorated with fuscous; antennae fuscous except towards base; abdomen grey-white irrorated with fuscous; pectus and legs white irrorated with fuscous; ventral surface of abdomen white, the medial segments irrorated with fiery rufous. Forewing grey-white irrorated with fuscous; a slightly waved blackish antemedial line and more distinctly waved medial line; a small black discoidal spot; the apical part of costa with short blackish streaks; postmedial line faint, fuscous, waved; subterminal line fuscous, somewhat dentate, incurved at discal fold and below vein 3, almost conjoined to the postmedial line below vein 2; a terminal series of small black spots defined by white and with a slight fuscous shade before them. Hindwing white tinged with fuscous; a blackish terminal line; cilia pure white. Underside suffused with fuscous; forewing with alternating black and whitish marks on costa towards apex.

Hab. Colombia, Choko Prov., Condoto (Spurrell), 1 ♀ type. *Exp.* 20 mill.

Vestermannianae.

The genus *Acontia* was first described by Zincken, Ersch, and Grüber, *Allg. Encyc. Wiss.* i, p. 333 (1818), type *luctuosa*, which comes in the subfamily *Noctuinae*. The genus called *Acontia* Treit., *Cat. Lep. Phal. B.M.* xi. p. 653, will stand as *Xanthodes* Guen., and the subfamily as *Vestermannianae* from the oldest genus in it.

6938a. *Carea purpureolineata* n. sp.

Carea biviata Hmps., *Cat. Lep. Phal. B.M.* xi. p. 551 (♀ nec ♂).

Head and thorax fiery red mixed with some yellow; abdomen yellowish tinged with red-brown; antennae brown, rufous towards base; palpi yellowi --

at base; pectus yellowish white; legs and ventral surface of abdomen rufous. Forewing fiery chestnut-red, some brown at base and the costal edge brown; antemedial line purplish fuscous, rather diffused and very oblique; a blackish discoidal point; postmedial line purplish fuscous, rather diffused, oblique from costa beyond middle to tornus; the termen tinged with brown, the cilia brown with a fine pale line at base. Hindwing pale crimson-red, the basal costal area whitish. Underside pale crimson-red, the inner areas whitish; forewing with blackish discoidal point.

Hab. **Penang** (Ridley), 1 ♂ type; **Perak**, Larut Hills (Flower), 1 ♀. *Exp.* 44 mill.

6948b. *Carea lentilineata* n. sp.

♂. Head and thorax yellowish suffused with rufous; abdomen yellow tinged with red-brown; antennae brown; palpi red-brown; pectus, legs, and ventral surface of abdomen yellowish, the forelegs and tarsi tinged with red-brown. Forewing yellow tinged with rufous and slightly irrorated with dark brown; a very faint oblique brown antemedial line; a minute red-brown discoidal point; postmedial line very faint, brown, slightly excurved below costa and incurved below vein 4; cilia reddish brown. Hindwing bright yellow with a very faint reddish tinge. Underside yellow tinged with rufous, the inner areas whitish, the apical area of forewing and terminal area of hindwing to vein 3 irrorated with brown.

Hab. **Selangor** (Holman-Hunt), 1 ♂ type. *Exp.* 46 mill.

6948c. *Carea flavidirubra* n. sp.

♂. Head and thorax bright rufous; abdomen yellow tinged with rufous; antennae brown, rufous towards base; palpi brown, yellowish tinged with rufous in front; pectus, legs, and ventral surface of abdomen yellow tinged with rufous, the tarsi red-brown. Forewing rufous with a yellowish tinge and irrorated with dark brown; antemedial line fine, dark brown, oblique; a black discoidal point; postmedial line fine, dark brown, excurved to vein 4, then oblique; cilia red-brown, silvery white at tips towards tornus. Hindwing yellow tinged with rufous; cilia whitish towards tornus. Underside yellow tinged with rufous, the inner areas whitish; hindwing with the terminal area slightly irrorated with brown to vein 3.

Hab. **Selangor**, The Gap (Holman-Hunt), 1 ♂ type. *Exp.* 36 mill.

GENUS *Hypocarea* nov.

Type: *Remigia conspicua* Leech.

Proboscis fully developed; palpi upturned, the 2nd joint reaching to about middle of frons, moderately sealed in front and slightly fringed with hair behind towards extremity, the 3rd short and thickly scaled; frons smooth, with ridge of hair above; eyes large, round; antennae of male with fasciculate cilia; thorax clothed with hair only and without erests; tibiae slightly fringed with hair; abdomen with dorsal crest at base only. Forewing rather narrow, the apex rounded, the termen evenly curved and not erenulate; veins 3 and 5 from near angle of cell; 6 from upper angle; 9 from 10 anastomosing with 8 to form the areole; 11 from cell. Hindwing with the cell half the length of

wing; veins 3, 4 from angle; 5 fully developed from just above angle; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Paracrama* in the palpi having the 3rd joint short and thickly scaled.

6977a. *Maurilia rufirena* n. sp.

♀. Head, thorax, and abdomen grey-brown with a silvery leaden gloss, the last with the crests darker; pectus and legs white tinged with rufous, the fore and hind tibiae and tarsi red-brown. Forewing grey-brown with a silvery leaden gloss and tinged in parts with red-brown, an antemedial patch from cell to inner margin finely pencilled with red-brown, the terminal area suffused with cupreous red-brown; an indistinct oblique almost straight red-brown antemedial line; reniform pale bright rufous; postmedial line red-brown, slightly sinuous, rather oblique to vein 4, then inwardly oblique. Hindwing uniform dark red-brown with a cupreous gloss. Underside of forewing glossy fuscous, the costa brownish white, the inner area white, an elliptical pure white discoidal spot; hindwing white faintly tinged with red-brown to median nervure and vein 2, the inner area suffused with grey.

Hab. S. Nigeria, Lagos (Dudgeon), 1 ♀ type. *Exp.* 44 mill.

6977b. *Maurilia atrirena* n. sp.

♀. Head and thorax pale red-brown; antennae pale grey-brown; abdomen grey-brown tinged with red-brown; pectus, legs, and ventral surface of abdomen white tinged with rufous, the forelegs redder brown. Forewing pale greyish rufous, the terminal area deeper rufous; a minute black spot in base of cell; a faint red-brown antemedial line, oblique to median nervure, then erect; reniform grey-black, rather ill-defined; an oblique rufous shade from just beyond upper angle of cell to inner margin before the postmedial line, which is very faint, brown, excurved below costa and beyond lower angle of cell; subterminal line red-brown, rather oblique to vein 5, then excurved, and incurved below vein 3. Hindwing red-brown, the basal half of costal area whitish; cilia whitish at tips. Underside whitish suffused with red-brown except on inner areas.

Hab. S. Nigeria, Old Calabar (Crompton), 1 ♀ type. *Exp.* 40 mill.

6990a. *Beara achromatica* n. sp.

♀. Head and thorax whitish irrorated with reddish brown; antennae tinged with fuscous; abdomen whitish suffused with brown, leaving pale segmental lines; pectus, legs, and ventral surface of abdomen white irrorated with brown. Forewing white irrorated with reddish brown; a slight dark subbasal striga from costa; a faint medial line formed by blackish scales, angled outwards at submedian fold; a faint postmedial line formed by blackish scales, oblique to discal fold, then inwardly oblique; a faint brown subterminal line, somewhat excurved at middle. Hindwing white tinged with reddish brown. Underside whitish; forewing suffused with reddish brown; hindwing irrorated with reddish brown except on inner area.

Hab. Philippines, Manila (Ledyard), 1 ♀ type. *Exp.* 20 mill.

7014a. *Goniocalpe leucotrigona* n. sp.

♀. Head and tegulae white; thorax and abdomen reddish brown glossed with grey; antennae dark brown; palpi white, the 2nd joint brown behind; pectus and legs whitish suffused with red-brown; ventral surface of abdomen white. Forewing white irrorated with a few black-brown scales, the medial area and the terminal area rather triangularly from apex to vein 3 suffused with silvery grey-brown, leaving a prominent silvery white patch on costal area from the postmedial line to apex; a faint brownish antemedial line, oblique to submedian fold; traces of a dark discoidal spot; postmedial line white, defining the dark medial area, very oblique from costa to vein 6, where it is strongly produced, then inwardly oblique, and slightly incurved below vein 3; slight brown subterminal spots between veins 7 and 4. Hindwing glossy reddish brown. Underside of forewing glossy grey-brown, the terminal half of costa white tinged with red-brown, the inner area white; hindwing white with a faint red-brown tinge except on costal area towards apex, the terminal area darker from below apex to vein 2.

Hab. Cameroons, Ja R., Bitje (Bates), 1 ♀ type. *Exp.* 28 mill.

7031a. *Vestermannia albiorbis* n. sp.

♀. Head and thorax pale grey finely pencilled with red-brown; antennae blackish; palpi whitish in front, brown behind; abdomen grey tinged with brown; pectus, legs, and ventral surface of abdomen white tinged with red-brown. Forewing whitish, the basal half to submedian fold suffused with cupreous red-brown, the costal area towards apex and inner area tinged with red-brown and irrorated with black-brown, the terminal area deep cupreous red-brown between veins 7 and 2; a minute black antemedial spot in the cell defined on outer side by white; ante- and postmedial lines white, the former arising below the costal area, and the two uniting and terminating above inner margin, the former incurved, the latter excurved between veins 5 and 2 and bent inwards to costa, the area between them deep cupreous red-brown below, pale blue-grey above and beyond the cell; an elliptical pure white discoidal spot with a minute black lunule on the inner side of its upper part, the median nervure and veins 4, 3 finely streaked with white on the medial area; an obliquely curved line of dark scales from the angle of the postmedial line below costa to vein 6, then a subterminal series of slight dark spots to vein 2; a series of slight dark spots before termen to submedian fold; cilia white at tips towards apex. Hindwing pale reddish brown glossed with grey, the terminal area rather darker except towards tornus; a fine whitish line at base of cilia. Underside of forewing grey irrorated with red-brown, the area beyond the cell fuscous brown, the inner area whitish, a white discoidal spot; hindwing whitish, the costal area irrorated with brown, the rest of wing tinged with brown and the area beyond the cell suffused with brown.

Hab. Selangor, The Gap (Holman-Hunt), 2 ♀ type. *Exp.* 34 mill.

7066a. *Negeta albiplagiata* n. sp.

♂. Head and thorax rufous; antennae blackish; palpi white on inner side; abdomen grey-brown; pectus, legs, and ventral surface of abdomen white

suffused with brown. Forewing red-brown irrorated with ochreous; antemedial line almost medial, strongly excurved, brown, below the cell double filled in and defined on each side by ochreous; a small black spot at lower angle of cell, defined by silvery white and with a triangular silvery white patch tinged with grey extending from it to the costa; postmedial line fine, double, brown, filled in and defined on each side by ochreous, very oblique to vein 6, then inwardly oblique, slightly sinuous and approximated to the antemedial line below the cell, some white points beyond it on costa and an oblique dark mark below costa; subterminal line blackish, excurved below costa to near termen, then oblique, defined on inner side by ochreous white and interrupted at vein 3; a rufous terminal line and rufous line through the cilia, which are very broad. Hindwing brown with a cupreous gloss; cilia brown with a white line at base and white tips. Underside of forewing fuscous, the inner area white, the cilia brownish white; hindwing whitish suffused with grey-brown.

Hab. Cameroons, Ja R., Bitje (Bates), 1 ♂ type. *Exp.* 20 mill.

7067a. *Negeta semialba* n. sp.

♀. Head, thorax, and abdomen pure white; antennae brown; palpi suffused with red-brown; pectus and legs white tinged with brown, the forelegs and hind tibiae towards extremity and tarsi suffused with darker brown. Forewing with the basal half pure white, its outer edge oblique; two brown marks on costa towards base; the terminal area white suffused with brown except the area beyond the postmedial line from costa to vein 4, irrorated with a few silvery scales; postmedial line white, slightly excurved to vein 4, then incurved and below submedian fold bent outwards to above tornus, defined on outer side by brown to discal fold, above which the brown forms a somewhat wedge-shaped mark; two obliquely placed brown spots from apex, the upper red-brown, the lower darker and somewhat lunulate, two brown points before them on costa; some brown points before termen below vein 5; a brown terminal line; cilia brownish with a fine white line at base. Hindwing white, suffused with brown except towards base. Underside of forewing suffused with brown, the inner area white; hindwing white tinged and irrorated with brown except towards base.

Hab. Gold Coast, Bibianaha (Spurrell), 1 ♀ type. *Exp.* 16 mill.

7092a. *Microxestis ecuadorensis* n. sp.

♂. Head, thorax, and abdomen white mixed with rufous. Forewing white mixed with rufous; a rufous antemedial line, acutely angled outwards at median nervure and with rufous shade before it towards costa; a waved rufous medial line, diffused on inner side and strongly excurved at median nervure; postmedial line rufous, excurved at middle, then incurved and ending at tornus, a rufous band on its inner side from costa to discal fold, in which there is a short black streak before it, the area beyond it more suffused with rufous. Hindwing silvery white. Underside white, the forewing suffused with red-brown except on inner area.

Hab. Ecuador, Quevedo, 1 ♂ type. *Exp.* 12 mill.

Catocalinae.

7495b. *Homaea striatalis* n. sp.

♀. Head rufous mixed with white, the frons with black points at sides and some black scales above; thorax and abdomen white slightly mixed with pale brown and irrorated with a few black scales, the terminal half of tegulae black; fore tibiae with some black on inner side. Forewing white thickly striated with brown, leaving the veins white; traces of an oblique sinuous antemedial line; a black point in middle of cell and blackish discoidal bar; postmedial line formed by brown striae, indistinct, oblique below vein 4; two indistinct subterminal lines formed by brown striae, the outer with obscure spots formed by blackish scales on it from costa to vein 4. Hindwing white thickly striated with brown, leaving the veins white; faint postmedial and subterminal lines formed by brown striae. Underside white; both wings with dark discoidal striae and faint curved postmedial line, a distinct rather maculate red-brown subterminal shade, on hindwing ending at submedian fold; forewing with the costa tinged with red-brown.

Hab. Br. C. Africa, Port Herald (Old), 1 ♀ type. *Exp.* 40 mill.

7521a. *Dermaleipa meterythra* n. sp.

♂. Head and thorax rufous, the head and base of tegulae with some orange-yellow, the thorax irrorated with whitish; antennae reddish brown; palpi rufous irrorated with yellow; abdomen yellowish suffused with rufous towards base, the anal tuft tinged with scarlet at extremity; pectus, femora, and ventral surface of abdomen orange-yellow tinged with scarlet, especially the pectus in front, the tibiae and tarsi red-brown mixed with whitish. Forewing rufous tinged with grey and faintly striated with brown, deeper rufous towards costa; an oblique sinuous whitish subbasal line from costa to submedian fold; antemedial line yellowish defined at sides by fine rufous lines, very oblique and almost straight; orbicular and reniform grey-brown defined by yellowish, the former small, round; postmedial line yellowish defined on outer side by red-brown, oblique, slightly curved and ending on inner margin near tornus, towards which there is a fuscous shade on its outer side; a yellowish subterminal line with black points on its outer side at the veins; a fine black terminal line, the cilia yellow at base tinged with scarlet. Hindwing uniform orange-yellow tinged with scarlet especially on the veins of terminal half. Underside orange-yellow tinged with scarlet, the forewing with small dark discoidal spot.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♂ type. *Exp.* 52 mill.

7556a. *Anua obsolescens* n. sp.

♂. Head and thorax white tinged with rufous; antennae red-brown; palpi with the 3rd joint brown; abdomen fulvous yellow; pectus, legs, and ventral surface of abdomen white, the legs suffused with red-brown, the anal tuft red-brown. Forewing white tinged with yellow especially towards base; a bar-shaped red-brown discoidal spot; a red-brown subterminal line slightly excurved at vein 6, the area beyond it tinged with red-brown; a series of blackish points before termen. Hindwing yellow, the terminal area fuscous brown with a reddish gloss, broadly at costa, narrowing to tornus. Underside white tinged

with yellow ; both wings with red-brown discoidal striae and the terminal area broadly dark reddish brown except towards tornus.

Hab. **N.E. Rhodesia**, Chambezi Valley near L. Bangweolo (Neave), 1 ♂ type. *Exp.* 44 mill.

7576a. *Anua hypoxantha* n. sp.

♂. Head and thorax bright rufous ; antennae brown, the shaft whitish above except towards extremity ; sides of frons and palpi dark brown, the latter irrorated with white ; abdomen whitish suffused with brown ; pectus, legs, and ventral surface of abdomen yellow, the tibiae and tarsi greyish fuscous. Forewing bright rufous tinged with greyish, the postmedial area rather deeper rufous ; antemedial line red-brown, rather diffused on inner side and defined on outer by white scales, oblique towards costa, incurved above median nervure and strongly excurved below it, then oblique ; a blackish point in middle of cell ; reniform defined by bluish white points, oblique and rather produced at upper extremity ; postmedial line red-brown slightly defined on inner side by white, excurved below costa and at middle, incurved at discal fold and below vein 4 ; subterminal line chocolate-brown defined on outer side by bluish white, angled outwards below vein 7, where there is a deep chocolate-brown mark on its inner side, reduced to spots at middle and angled inwards below vein 4, incurved at submedian fold and with a bluish white spot on its inner side ; cilia grey-brown. Hindwing yellowish suffused with red-brown and with a darker subterminal shade ; a faint waved brown line before termen, the termen yellowish white from below vein 7 to vein 4 and the cilia yellowish white to vein 4. Underside of forewing pale yellow, the costa and the terminal area broadly red-brown ; hindwing deep yellow with an apical red-brown patch.

♀. Abdomen and hindwing suffused with fuscous brown, the latter with the termen narrowly and the cilia yellow except towards tornus, the yellow rather diffused before middle of termen ; underside creamy white, the terminal areas broadly fuscous, leaving the termen and cilia yellowish, the inner areas tinged with fuscous except towards base.

Ab. 1. ♂. Head and thorax dark brown ; abdomen dark greyish brown ; forewing dark brown suffused with silvery blue-grey ; hindwing suffused with dark brown, the underside suffused with brown except below basal half of costa and at upper end of cell.

Ab. 2. ♂ ♀. Forewing pale brown suffused with purplish grey-brown, the hindwing pale grey-brown ; the underside yellowish white, the forewing with the basal half tinged with brown to median nervure, the hindwing with the whole terminal area broadly suffused with brown.

Hab. **Br. C. Africa**, Mt. Mlanje (Neave), 3 ♂, 2 ♀ type : **Portuguese E. Africa**, Kola Valley (Neave), 1 ♂. *Exp.* 58-68 mill.

7586a. *Hypanua roseitincta* n. sp.

♀. Head and thorax deep yellow tinged with pinkish rufous ; antennae white tinged with red-brown except above towards base ; palpi with the 3rd joint red-brown, white at tip ; abdomen chrome yellow ; pectus and legs white, the pectus pink in front, the legs tinged with brown ; ventral surface of abdomen yellow tinged with pinkish rufous. Forewing deep yellow tinged with pink

except on basal, costal, and medial areas, and slightly irrorated with dark brown ; antemedial line red-brown, faint and incurved to median nervure and excurved just below the cell ; reniform red-brown defined by dark brown, small and narrow ; postmedial line red-brown, indistinct and excurved to vein 4, then more distinct and oblique ; a series of blackish points just before termen ; cilia with some white scales at tips. Hindwing pale yellow, the terminal area tinged with pinkish rufous from below apex to submedian fold. Underside pale yellow, the inner areas whitish ; forewing with slight brown mark at upper angle of cell and subterminal shade between veins 6 and 2.

Hab. Natal, Durban (Clark), 1 ♀ type. *Exp.* 60 mill.

7604a. *Tolna hypogrammica* n. sp.

♂. Head and thorax dark brown mixed with some whitish ; antennae, frons, and palpi dark brown ; abdomen dark brown suffused with grey and with grey segmental lines ; pectus, legs, and ventral surface of abdomen dark brown mixed with some white, the tarsi black-brown ringed with white. Forewing dark brown mixed with red-brown and some grey ; a waved rufous subbasal line defined by black-brown from below costa to submedian fold ; antemedial line black-brown defined at sides by rufous, oblique, forming a small spot at costa ; reniform rather indistinctly defined by black, its upper extremity much produced and with a wedge-shaped black mark beyond it ; postmedial line blackish slightly defined on outer side by whitish, oblique to vein 7, then inwardly oblique, some whitish points beyond it on costa ; subterminal line indistinct, rufous defined on inner side by blackish except towards costa, incurved from above vein 6 to vein 4 ; a terminal series of whiter points defined on inner side by black points ; cilia black-brown with a fine whitish line at base. Hindwing black-brown with a large pure white apical patch extending to vein 4, its inner edge oblique and waved. Underside dark brown tinged with grey ; forewing with some white points on postmedial part of costa and the terminal area white to vein 6 ; hindwing with curved dark subterminal line, the terminal area white to vein 5 with black points before termen.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♂ type. *Exp.* 58 mill.

7606a. *Tolna cryptoleuca* n. sp.

♀. Head and thorax black-brown ; abdomen dark brown, tinged with grey except dorsally towards base ; pectus, legs, and ventral surface of abdomen dark brown mixed with white, the tarsi ringed with whitish. Forewing dark brown mixed with some red-brown and slightly irrorated with white, the medial area darker ; a waved black subbasal line from costa to submedian fold ; an oblique waved black antemedial line, slightly angled outwards at subcostal nervure and excurved in submedian interspace ; reniform defined by black, small ; two waved black medial lines, meeting and terminating at submedian fold, the outer beyond the cell and angled outwards at vein 5 ; postmedial line black, curved and waved, defined on outer side by some silvery white scales between veins 7 and 5 ; the postmedial area with a large rufous patch extending to vein 6 and with some white points at costa ; subterminal line dark brown with some silvery white scales on it to vein 6, slightly waved, excurved below vein 7, incurved between veins 6 and 4, with a wedge-shaped dark mark before

it below vein 6, below vein 4 rufous with dark spots on its inner side ; a series of minute silvery white spots just before termen defined on inner side by black ; cilia dark brown mixed with grey. Hindwing pure white with the costal and inner areas tinged with brown to middle of costa and on inner area to near tornus, the rest of wing black-brown ; a minute white spot at apex and the cilia white from below vein 7 to vein 4. Underside of forewing grey suffused with brown, a brownish discoidal spot, postmedial line slightly excurved to vein 4, then slightly incurved, and broad subterminal shade ; hindwing grey-white, the costal area irrorated with red-brown, the terminal area suffused with brown and irrorated with white, a faint brown medial line from costa to vein 4 and curved postmedial line.

Hab. Br. C. Africa, Mlanje Plateau, 6,500 ft. (Neave), 1 ♀ type. *Exp.* 64 mill.

7656*a*. *Achaea hypopolia* n. sp.

♀. Head, thorax, and abdomen red-brown tinged with grey ; antennae dark brown ; pectus, legs, and ventral surface of abdomen whitish suffused with brown. Forewing with the basal area and outer half of medial area red-brown, the rest of wing whitish suffused with red-brown ; antemedial line dark brown defined on outer side by whitish, defining the basal area and slightly curved ; two dark discoidal points ; medial line dark brown, excurved to vein 4 beyond the cell, then incurved ; postmedial line dark brown, defined on outer side by whitish towards costa, obliquely excurved to vein 4, then incurved, some whitish points beyond it on costa ; a faint whitish subterminal line slightly defined on inner side by red-brown and on outer side by slight red-brown marks, excurved below costa and at middle, then incurved ; a slight oblique brown streak from apex ; a series of blackish points before termen ; cilia whitish with dark brown line near base and dark brown tips. Hindwing dark reddish brown ; an obliquely curved whitish medial line ; the apex and termen to below vein 5 whitish, the rest of terminal area rufous ; cilia whitish with brown line near base and brown tips. Underside grey irrorated with brown ; both wings with slight brown discoidal spot, curved medial and postmedial lines and dark subterminal line diffused on inner side, a series of dark points before termen.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♀ type. *Exp.* 66 mill.

7661*a*. *Achaea cupreitincta* n. sp.

♀. Head, thorax, and abdomen red-brown mixed with grey ; antennae grey-brown. Forewing grey-brown with a cupreous gloss ; a waved, dark, subbasal line from costa to submedian fold ; antemedial line dark, excurved below costa and cell ; a black point in middle of cell and two on discocellulars ; medial line dark, waved, obliquely excurved to vein 5 beyond the cell, then incurved ; postmedial line dark brown, curved and dentate, some white points beyond it on costa ; subterminal line whitish defined on each side by deep cupreous brown, excurved at vein 6 ; a series of blackish points before the slight dark terminal line ; cilia whitish at base, brown at tips. Hindwing grey-brown with a cupreous gloss ; a faint rather diffused obliquely curved dark medial line ; subterminal line whitish, pure white towards tornus, defined on inner side by rather diffused deep cupreous brown, slightly curved ; a small white

patch at apex and series of blackish points before the waved dark terminal line ; cilia whitish at base, brown at tips. Underside pale grey-brown ; both wings with curved brown discoidal striga, curved medial and postmedial lines, and subterminal line diffused on inner side.

Hab. Uganda, Entebbe (Gowdy), 1 ♀ type. Exp. 62 mill.

7665a. *Achaea ferreotincta* n. sp.

♂. Head and tegulae and prothorax grey tinged with red-brown, the rest of thorax and abdomen blue-grey ; antennae pale red-brown ; palpi, pectus, legs, and ventral surface of abdomen blue-grey tinged with brown. Forewing blue-grey tinged with ferruginous red, especially the basal area to vein 1 and before and beyond the subterminal line ; a faint sinuous brown subbasal line from costa to vein 1 ; antemedial line indistinct, brown, excurved below costa, at median nervure and vein 1 ; two blackish discoidal points ; two brown postmedial lines, excurved to vein 4, then incurved, some ochreous white points beyond it on costa ; subterminal line indistinct, pale, waved, a dark shade beyond it towards tornus ; a series of blackish points before termen ; cilia with an indistinct dark line at middle. Hindwing blue-grey tinged with brown ; an indistinct oblique whitish postmedial line, the area beyond it fuscous black ; the apex and termen to below vein 2 bluish white and an oblique blue-grey mark to termen above tornus. Underside blue-grey tinged with brown and irrorated with blackish except on inner area ; forewing with blackish discoidal bar, curved slightly waved dark postmedial line, faint subterminal line, and large blackish subterminal patch between veins 5 and 2 ; hindwing with dark medial line excurved to vein 4, then incurved, faint slightly waved postmedial line, and faint subterminal line.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 2 ♂ type. Exp. 62 mill.

7665b. *Achaea violascens* n. sp.

Head, thorax, and abdomen pale blue-grey, the head and thorax slightly tinged with rufous ; antennae pale rufous ; legs slightly irrorated with brown, the tarsi whitish. Forewing pale violaceous blue-grey ; the basal area suffused with pale purplish red, defined by the rather diffused pale brown antemedial line, slightly excurved below costa ; two blackish discoidal points ; the postmedial area tinged with olive ; two very slightly waved pale red-brown medial lines beyond the cell, slightly incurved below vein 4, closely followed by the indistinct waved dark postmedial line defined on outer side by blue-grey, some white points beyond it on costa ; a deep purplish red subterminal shade with the faint pale slightly waved subterminal line on it slightly defined on each side by pale brown, the shade produced on costa to apex ; the terminal area bluish white to submedian fold, then brownish ; a series of blackish points before termen ; cilia with a slight dark line near base. Hindwing bluish white tinged with brown to the narrow oblique white postmedial band excurved below costa, the area beyond it black ; the apex bluish white ; the termen bluish white from below apex to vein 2 ; an oblique bluish white line from vein 2 to termen at vein 1 ; cilia bluish white, tinged with brown below vein 3. Underside bluish white ; forewing with the costa irrorated with black to beyond middle, the

terminal area with dark striae, a blackish discoidal bar, waved postmedial line, the postmedial area tinged with rufous to submedian fold, a slightly waved dark subterminal line to submedian fold with a blackish shade before it between discal and subterminal folds; hindwing with curved waved medial and postmedial blackish lines, faint waved subterminal line, and series of black points before termen.

Hab. Mashonaland, Salisbury (R. W. Jack), 3 ♂, 1 ♀ type. *Exp.* 74 mill.

7691a. *Parallelia eclipsifera* n. sp.

♀. Head and thorax grey-brown tinged with red-brown; antennae grey-brown; abdomen grey-brown with a faint bluish gloss; palpi, pectus, and legs grey-brown, the palpi and legs irrorated with whitish. Forewing grey-brown suffused with red-brown especially on basal half and terminal area; subbasal line pale grey, from costa to submedian fold; antemedial line pale grey, obliquely incurved; a whitish point in middle of cell; reniform a sinuous bar defined by pale grey; medial line brown, waved, excurved to vein 4 beyond the cell, then incurved; postmedial line brown defined on each side by pale blue-grey and on outer side by white towards costa, very oblique to vein 6, where it is acutely angled outwards, then incurved and angled outwards at vein 4, then again incurved and sinuous, a large deep-chocolate semicircular patch beyond it on costal area extending to apex and defined below by white; a dark brown terminal line defined on inner side by rather diffused whitish except towards tornus; cilia red-brown with a white line at base and some white at tips. Hindwing dark grey-brown with a faint bluish gloss; an oblique pale medial line ending on inner margin near tornus; a faint dark subterminal shade; the terminal area suffused with grey-white except towards apex; a dark terminal line; cilia with fine whitish line at base and some whitish at tips. Underside grey-brown; both wings with curved dark medial and postmedial lines, the latter slightly waved, and broad reddish brown subterminal shade.

Hab. Philippines, Luzon, Mt. Makiling (Baker), 1 ♀ type. *Exp.* 70 mill.

7715a. *Parallelia albilinea* n. sp.

♀. Head and thorax red-brown mixed with some whitish; antennae dark brown, white above except towards tips; frons with some white at sides; palpi reddish brown; abdomen grey-brown; pectus, legs, and ventral surface of abdomen whitish suffused with brown, the last with the terminal half red-brown. Forewing deep chocolate-brown to the postmedial line, the costal area irrorated with whitish, the rest of wing grey-brown irrorated and in parts suffused with violaceous white; a strong rather inwardly oblique pure white antemedial line; postmedial line white slightly defined on outer side by rufous, obliquely downcurved to vein 6, where it is acutely angled outwards, then inwardly oblique; an oblique deep chocolate-brown fascia from apex to near the angle of the postmedial line, defined below by white and with some white points before it on costa; a diffused waved whitish subterminal line from discal fold to inner margin with slight red-brown spots on its inner side below vein 4; a waved brown terminal line, forming dark points at the interspaces with whitish beyond them; a fine whitish line at base of cilia. Hindwing grey-brown with a slight eupreous gloss; cilia white tinged with red-brown. Underside grey-brown with a eupreous

tinge, the inner areas bluish white; hindwing with curved waved brown postmedial line and subterminal shade, the area beyond it bluish white except towards apex, a waved dark terminal line forming points at the interspaces.

Hab. Portuguese E. Africa, Ruo Valley (Neave), 2 ♀ type. *Exp.* 40 mill.

7728a. *Parallelia semilunaris* n. sp.

♀. Head and thorax bright red-brown slightly mixed with whitish, the tegulae tipped with whitish, the patagia with whitish bar at middle defined in front by brown; antennae dark brown, the 1st joint white in front; abdomen grey-brown tinged with red-brown, the anal tuft whitish at base; pectus, legs, and ventral surface of abdomen reddish brown mixed with whitish, the spurs and tarsi dark brown ringed with white. Forewing bright red-brown largely glossed with purple-grey and mixed with some whitish, the inner half below the cell and the terminal area paler, the outer half of medial area not irrorated with whitish; subbasal line white defined on inner side by red-brown, from costa to vein 1; antemedial line red-brown slightly defined on each side by whitish, oblique and almost straight; a white point in middle of cell; medial line red-brown defined on inner side by rather diffused white, strongly incurved and touching at costa and inner margin the postmedial line, which is red-brown defined on outer side by a white line, oblique to vein 6, where it is acutely angled outwards, then incurved, some white points beyond it on costa; an obliquely incurved wedge-shaped chocolate-brown mark from apex to near the angle of the postmedial line, a red-brown subterminal shade from it to inner margin; a series of dark points before termen; cilia grey-brown with fine whitish lines at base and near tips. Hindwing grey-brown tinged with red-brown; a fine brown terminal line forming points at the interspaces; cilia grey-brown with a fine whitish line at base. Underside grey-brown tinged with red-brown, the inner areas whitish; forewing with the cilia white towards apex; hindwing with slight curved waved brown postmedial line and faint diffused subterminal line.

Hab. Dutch N. Guinea, Mt. Goliath (Meek), 1 ♂ type. *Exp.* 54 mill.

7732. *Parallelia perexcurvata* n. sp.

♂. Head and thorax bright red-brown; antennae dark brown; abdomen grey-brown with some whitish at base and whitish segmental lines, the anal tuft pale rufous; pectus, legs, and ventral surface of abdomen grey-brown mixed with some whitish, the fore and hind tibiae with slight dark spots, the tarsi dark brown ringed with white. Forewing chocolate red-brown slightly mixed with whitish, the terminal area rather paler; two waved whitish subbasal lines from costa to above inner margin; antemedial line double, white, incurved in the cell and excurved below it, then oblique; reniform defined by white, oblique and slightly angled inwards at median nervure, two converging white bars above it from costa; some white points on apical part of costa; postmedial line white, arising below costa well beyond middle, oblique to discal fold towards termen, then excurved to vein 2, then strongly incurved; a series of dark points before termen; cilia with a fine whitish line at base. Hindwing dark grey-brown with a cupreous gloss; a slight whitish subbasal line between discal and submedian folds, where it is met by a whitish streak from base, and with slight dark mark

beyond it ; postmedial line dark brown defined on outer side by white, slightly angled outwards above and below vein 5, then incurved and ending on vein 1 above tornus ; a series of dark points before termen and fine whitish line at base of cilia. Underside grey-brown slightly irrorated with whitish ; both wings with slight curved waved postmedial brown line and faint waved subterminal line.

Hab. S. Nigeria, Abutshi (Newman), 1 ♂ type. *Exp.* 50 mill.

7775a. *Colbusa restricta* n. sp.

Head and thorax chocolate-brown, the vertex of head flesh-white, the pro- and metathorax with flesh-white bands ; antennae dark brown, white above towards base ; palpi scarlet tinged with brown ; abdomen yellowish rufous, the basal crest red-brown ; pectus and ventral surface of abdomen whitish, the former scarlet in front ; legs pale red-brown. Forewing deep chocolate-brown ; a flesh-white fascia on costa to the postmedial band, extending at base to inner margin and with an oblique red-brown bar on it near base ; postmedial band flesh-white, oblique from costa to tornus, its inner edge slightly incurved beyond the cell and above tornus, met above tornus by a narrow flesh-white terminal band and with some pale scarlet at tornus ; a fine dark terminal line ; cilia white tinged with scarlet. Hindwing bright scarlet ; a terminal brown band from costa, where it is rather broad to vein 4, spots below veins 4 and 3 and a slight mark above tornus ; cilia brown towards apex. Underside of forewing brown with oblique white band from below costa beyond middle to just above tornus, rather diffused on outer side ; hindwing pale scarlet with narrow brown terminal band to vein 2, its inner edge dentate.

Hab. N. Nigeria, Kano (F. G. Brown), 1 ♂, 1 ♀ type. *Exp.* ♂ 42, ♀ 46 mill.

7994b. *Metria phaeobasalis* n. sp.

♂. Head and thorax dark red-brown, the frons and base of tegulae whitish ; antennae dark brown ; palpi whitish irrorated with brown ; abdomen whitish suffused with red-brown, the crests dark red-brown ; pectus, legs, and ventral surface of abdomen white, the fore and mid tibiae suffused with red-brown, the tarsi dark brown ringed with white. Forewing with the basal half dark red-brown, its outer edge rather oblique, the outer half whitish tinged and irrorated with red-brown ; subbasal line black, very slightly waved, from costa to submedian fold, defined on each side by whitish marks at costa ; antemedial line black, slightly angled inwards at subcostal nervure, excurved at middle, defined on each side by whitish marks at costa ; reniform whitish, incompletely defined by brown striae and with some brown in centre ; postmedial line dark brown, oblique to vein 6, below vein 4 bent inwards to median nervure before end of cell with an angle outwards at vein 3, then waved to inner margin, some white points beyond it on costa and a patch of dark brown suffusion on costal area before the brown subterminal line, which is strong and dark to discal fold, then slight ; a series of blackish striae before termen. Hindwing whitish tinged with red-brown, the terminal area suffused with bright red-brown ; an indistinct diffused brown antemedial line, slightly angled outwards at lower angle of cell ; a waved bright red-brown postmedial line with dark points before it on veins 2

and 1, rather closely approximated to the less distinct waved red-brown subterminal line; a series of blackish striae before termen. Underside white; forewing with the terminal area tinged and striated with brown to vein 2, at costa extending almost to middle, two small dark antemedial spots on costa, a faint discoidal spot, curved dark postmedial line to vein 5, and series of dark points before termen to vein 2; hindwing with small brown discoidal spot, dark brown subterminal shade, and series of blackish striae before termen.

Hab. Br. Guiana, Georgetown (Bodkin), 1 ♂ type. *Exp.* 40 mill.

7998a. *Metria phoenicopasta* n. sp.

♀. Head and thorax dark brown tinged with crimson and slightly irrorated with white; antennae dark brown, with pale rings towards base; abdomen grey-brown tinged with crimson, the basal segment black-brown tinged with grey, the crest on 4th segment black at tip; pectus and legs dark brown mixed with grey, the fore and mid tibiae with some ochreous, the tarsi black-brown ringed with white. Forewing with the basal area black-brown mixed with crimson, its outer edge oblique, the rest of wing whitish suffused with rufous and tinged with crimson, and slightly striated with brown, the inner half of terminal area greyer brown; a curved black subbasal striga from costa, slightly defined on outer side by white; antemedial line slight, whitish, very slightly waved, just before the outer edge of the dark basal area; a slight dark point in middle of cell and crimson discoidal bar with some blackish at upper angle of cell and black points beyond the angles; three blackish points on medial part of costa and two faint waved brown medial lines; postmedial line black, oblique to below vein 7, then waved, incurved below vein 4, a triangular black-brown patch beyond it on costal area with a white point at costa, the costal edge beyond it white with two subterminal black points; subterminal line double, rather diffused crimson and brown, oblique below vein 4, the outer line forming dentate black marks below veins 4 and 3; a series of blackish striae before termen. Hindwing grey-brown with a reddish tinge, the postmedial area suffused with rufous and crimson except towards costa, the apical area whitish suffused with rufous and tinged with crimson; a faint discoidal lunule defined by whitish; postmedial line indistinct, brown, slightly waved; subterminal line double, waved, crimson to vein 4, then dark brown filled in with crimson, the outer line forming black dentitions in the interspaces; a series of blackish striae before termen defined on inner side by whitish. Underside whitish tinged with red-brown and thickly striated with dark brown; forewing with two brown marks at middle of costa, a diffused postmedial line excurved below costa, and subterminal shade; hindwing with double diffused brown medial line, curved postmedial line, and broad blackish subterminal shade.

Hab. Peru, Chaquimayo (Watkins), 1 ♀ type. *Exp.* 52 mill.

8022a. *Zale plumbeolinea* n. sp.

♀. Head, thorax, and abdomen grey suffused with reddish brown, the patagia with some black scales and slight dark bars at middle and near tips, the abdomen with slight dark segmental lines and some black irroration at extremity; antennae dark brown, with pale rings towards base; palpi with some black at sides of 1st and 2nd joint; pectus, legs, and ventral surface of abdomen white

tinged with red-brown, the tarsi blackish ringed with white. Forewing grey suffused with red-brown and irrorated with a few black scales; a slight black mark at base of vein 1; antemedial line double, dark brown, arising at median nervure and very oblique to inner margin near base; a dark-brown point in middle of cell; reniform a narrow deep leaden grey lunule, placed on an oblique deep red-brown shade from apical part of costa; postmedial line black-brown, highly dentate to below vein 4, then double, very oblique and very slightly sinuous; subterminal line double, brown, waved to vein 4, then very oblique and with a deep leaden grey shade on the inner side of the outer line; a terminal series of blackish striae. Hindwing grey suffused with red-brown and slightly irrorated with black; the medial area with four almost straight brown lines; two black postmedial lines slightly defined on outer side by white, slightly sinuous towards costa, a maculate deep leaden-grey line just beyond it curving outwards to termen just below apex; the terminal area striated with black and with a slight deep rufous shade before termen; a terminal series of blackish striae. Underside whitish tinged with red-brown and slightly irrorated with black; forewing with slight blackish points on costa, small spots in middle of cell and on discocellulars, curved waved brown postmedial line, and series of black points before termen; hindwing with slight spot on upper discocellular defined by red-brown; waved postmedial line, slight double sinuous subterminal line, and series of black points before termen.

Hab. Jamaica (Jackson), 1 ♀ type. *Exp.* 42 mill.

8096a. *Clytie euryphaea* n. sp.

♂. Head and thorax ochreous white, the head, tegulae, and prothorax suffused with greyish fuscous; antennae black; palpi irrorated with blackish; abdomen creamy white; pectus, legs, and ventral surface of abdomen creamy white, the fore and mid tibiae suffused with black, the tarsi black ringed with white. Forewing creamy white suffused with grey and irrorated with blackish, the terminal area bluish grey; antemedial line blackish, interrupted, slightly waved, rather oblique to submedian fold; a minute white spot defined by dark brown in middle of cell; reniform whitish suffused with grey-brown except below and defined by dark brown, rather figure-of-eight-shaped; postmedial line with oblique black bar from costa, then indistinctly double, blackish, slightly waved, oblique below vein 4; subterminal line with blackish shade before it towards costa and some white on its outer side, excurved below vein 7 and with black spot on its inner side, then whitish defined on each side by diffused brown, waved; a slight waved dark terminal line; cilia creamy white with diffused brown line at middle. Hindwing creamy white with some reddish brown hair along the veins, the terminal area broadly fuscous black with a narrow subterminal creamy white band; cilia creamy white. Underside white with a broad fuscous black terminal band ending on hindwing before tornus; forewing with small blackish discoidal spot.

Hab. Arabia, Sôkal Khamis (Bury), 1 ♂ type. *Exp.* 58 mill.

8123a. *Cortyta setifera* n. sp.

Antennae of male with long bristles on shaft above before middle; pectus and fore femora and tibiae clothed with long hair, the mid and hind femora and

tibiae with fringes of shorter hair ; hindwing on underside with fringes of down-turned hair in and beyond lower angle of cell met by a fringe of upturned hair from submedian fold.

♂. Head, thorax, and abdomen white tinged with brown and irrorated with large black scales ; antennae black-brown ; pectus, legs, and ventral surface of abdomen white tinged with ochreous, the fore tibiae suffused with dark brown, the tarsi dark brown ringed with white. Forewing white tinged with red-brown and irrorated with black, the terminal area suffused with red-brown ; a sub-basal black point on costa ; antemedial black points on and below costa and a line from median nervure, angled outwards at submedian fold, then incurved ; a small black spot in middle of cell and bar-shaped discoidal spot defined by blackish, a black spot above it on costa ; postmedial line black with a small black spot at costa, slightly bent outwards below costa, then waved to below vein 5, then very oblique, angled outwards below vein 2 and inwards at vein 1 ; subterminal line whitish defined on each side by diffused brown, with slight black streaks before it at veins 7, 6, dentate, oblique below vein 4 ; a waved black line before termen, forming points at the interspaces. Hindwing white tinged with red-brown and irrorated with black, the terminal area more suffused with red-brown ; a slight black discoidal striga and rather diffused line from lower angle of cell to inner margin ; a slightly sinuous black postmedial line ; subterminal line whitish defined on each side by diffused brown and with slight black streaks before it on the veins, slightly waved ; a waved black line before termen forming points at the interspaces, and slight dark terminal line. Underside white ; forewing with small blackish discoidal spot, two dark spots on medial part of costa and a broad subterminal shade to below vein 3 ; hindwing with the apex tinged with brown, both wings with series of minute black lunules before termen.

Hab. Br. C. Africa, Mt. Mlanje (Neave), 1 ♂ type. *Exp.* 34 mill.

Phytometrinae.

8279a. *Phytometra euchroa* n. sp.

Head and thorax grey-white mixed with grey-brown and red-brown, the frons with red-brown bar above, the tegulae red-brown at base, the patagia with their upper edge red-brown towards base and with oblique red-brown line towards extremity ; antennae brown, white above except towards extremity ; palpi red-brown, the 2nd joint in front and the 3rd joint whitish ; abdomen brownish grey, the crests red-brown and whitish, the lateral and anal tufts with some red-brown ; pectus and legs grey-white mixed with reddish brown ; ventral surface of abdomen reddish brown mixed with some grey. Forewing silvery grey irrorated with blackish, the end of cell and area below it and beyond its lower extremity golden cupreous ; subbasal line white broadly defined on each side by golden cupreous, from costa to submedian fold ; antemedial line white defined on each side by golden cupreous, excurved below costa and obliquely curved below the cell ; an oblique inverted silvery white V-shaped mark on medial area from subcostal nervure to submedian fold, with an oblique silvery white bar to it from costa ; reniform golden cupreous defined on inner side and above by a silvery white line, large and rounded ; postmedial line silvery white defined on each side by golden cupreous, slightly angled inwards below

costa, then strongly bent outwards, then excurved to vein 4, then incurved and sinuous to submedian fold, where it is acutely angled inwards to the V-shaped mark, and oblique to inner margin; subterminal line silvery white defined on inner side by golden cupreous, strongly excurved to discal fold, then incurved, and excurved at submedian fold; a fine dark terminal line with a silvery white line before it defined on inner side by a golden cupreous band emitting a projection to the subterminal line between veins 4 and 3; cilia with a dark line near base. Hindwing pale glossy grey-brown, the base and costal area to beyond middle whitish, the terminal area darker except towards tornus; cilia whitish with a fine brown line near base. Underside of forewing whitish suffused with grey-brown except on inner and terminal areas, the postmedial area greyish fuscous, a diffused obliquely curved blackish postmedial line from costa to lower angle of cell, then faint, a dark patch on apical part of termen; hindwing white tinged with brown, the costal area irrorated with dark brown, a broad fuscous subterminal shade.

Hab. Natal, Durban (Platt), 2 ♂, 1 ♀ type. *Exp.* 40 mill.

A P P E N D I X .

LITHOSIADAE.

Arctianae.

1798a. *Spilosoma melanochoea* n. sp.

♂. Head and thorax black-brown; tegulae edged with yellowish dorsally and at sides; antennae with the basal joint white; palpi orange-yellow at base in front; abdomen orange-yellow with dorsal and lateral series of small black spots, the hair at base of dorsum dark brown; fore coxae orange-yellow; pectus and femora whitish and brown, the hind tibiae banded black and white. Forewing black-brown; an ochreous white antemedial line from discal fold to submedian fold where it is somewhat dilated; an oblique irregular ochreous white medial band from below costa to median nervure with slight streaks before and beyond it at subcostal nervure and beyond it in discal fold; the lower discocellular with ochreous white striga and the veins beyond the cell with slight ochreous white streaks; a curved ochreous white postmedial line, somewhat dentate at the veins and interrupted between veins 7, 6 and just below vein 3; a diffused rather maculate ochreous white terminal line from vein 7 to tornus. Hindwing black-brown with a slight whitish streak on extremity of subcostal nervure and base of vein 7; the underside greyer brown with whitish patches at base and middle of costa.

Hab. Madras, Nilgiris (Andrewes), 1 ♂ type. *Exp.* 30 mill.

FAMILY PHALAENOIDIDAE

Phalaenoides McCleay, 1805, type *glycinae*, is older than *Agarista* Leach, 1815, type *agricola*.

GENUS *Aethodes* nov.

Type: *A. angustipennis*.

Proboscis fully developed; palpi obliquely upturned, the 2nd joint reaching to about middle of frons and fringed with long hair in front produced to a

point at extremity, the 3rd long and thickly scaled below; frons with small pointed conical process at middle; eyes large, smooth; antennae slightly dilated towards extremity; tibiae slightly fringed with hair and without spines; abdomen with hairy crests on basal segments. Forewing very narrow, the apex rounded, the termen evenly curved; vein 3 from well before angle of cell; 5 from just above angle; 6 from upper angle; 9 from 10 anastomosing with 8 to form the arcole; 11 from cell. Hindwing with veins 3, 4 from angle of cell; 5 obsolescent from middle of discocellulars; 6, 7 from upper angle; 8 anastomosing with the cell near base only.

In key differs from *Paraegocera* in the frons having a small pointed conical prominence, the forewing very narrow.

134b. *Aethodes angustipennis* n. sp.

♂. Head and thorax purplish red mixed with white; antennae brown; frons white; palpi white with a dark brown band on 2nd joint, the 3rd joint brown; pectus and hindlegs yellowish; fore- and midlegs banded brown and white; abdomen yellow, the crests black-brown. Forewing purplish red thickly irrorated with white; a diffused inwardly oblique white antemedial band defined on outer side by deeper red patches in and below the cell; a deep red discoidal patch with sinuous line from it to inner margin; postmedial line deep red, rather diffused, excurved below costa, then oblique and slightly waved; a rather dentate deep red subterminal shade with a small spot beyond it at discal fold; the apex rather suffused with red. Hindwing pale orange-yellow, the termen narrowly pale red on apical half. Underside pale orange-yellow; forewing with the terminal area purplish red, broadly at costa and narrowing to tornus; hindwing with the apex narrowly pale red.

Hab. N. Nigeria, Minna (Macfie), 1 ♂ type. *Exp.* 36 mill.
